Research Product 87-24

Development of ROTC Data Sets and Evaluation of Their Usefulness for Officer Longitudinal Research Data Base

Leadership and Management Technical Area
Manpower and Personnel Research Laboratory

August 1987

U. S. Army Research Institute for the Behavioral and Social Sciences

U. S. ARMY RESEARCH INSTITUTE FOR THE BEHAVIORAL AND SOCIAL SCIENCES

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The U.S. Army Research Institute has developed an Officer Longitudinal Research Data Base (OLRDB) to support a variety of research objectives. The (ROTC) advanced camp and commissioning files for 1982 through 1985 were organized and matched to the OLRDB core data set. The resulting data sets are used to evaluate the usefulness of ROTC historical data and the ORLDB for estimating the relationship between scholarships and retention. This relationship was found to be useful; however, additional years of OLRDB data would provide a better base for analysis. Keywords:

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FOREWORD

The Leadership and Management Technical Area of the U.S. Army Research Institute (ARI) conducts programmatic research to improve leader effectiveness, with a focus on the sequential, progressive development of leaders. To support this and other research, ARI is developing an Officer Longitudinal Research Data Base (OLRDB) along with an on-line User's Manual and Data Dictionary. The data base will enable researchers to produce data-based information on officer training, professional development, and utilization.

This report describes the procedures used to incorporate personnel and advanced camp performance data on cadets enrolled in the Reserve Officers' Training Corps (ROTC). Inclusion of these data expands the precommissioning coverage of the OLRDB. The utility of this expansion is also demonstrated by a comparison of the active duty retention rates of ROTC scholarship recipients with the retention rates of nonscholarship cadets.

The development of the OLRDB has been briefed to the research sponsor, the Center for Army Leadership (29 April 1987), which recognizes its role as a research tool to generate information necessary for systematic enhancement of leader training and effectiveness.

EDGAR M. JOHNSON
Technical Director

DEVELOPMENT OF ROTC DATA SETS AND EVALUATION OF THEIR USEFULNESS FOR OFFICER LONGITUDINAL RESEARCH DATA BASE

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DEVELOPMENT OF ROTC DATA SETS AND EVALUATION OF THEIR USEFULNESS FOR OFFICER LONGITUDINAL RESEARCH DATA BASE

BACKGROUND

The U.S. Army Research Institute (ARI) established the Officer Longitudinal Research Data Base (OLRDB) to provide a longitudinal record of officer history for research purposes. The OLRDB contains a record for all officers on active duty between 1970 and 1986. The record of separated officers contains the separation program designator (SPD) that describes the reason for separation.

The Department of the Army maintains computerized yearly records of cadets enrolled in Reserve Officer Training Corps (ROTC). Each record reflects a cadet's status and progress in the training program for an academic school year.

The objective of matching ROTC precommission data with officer history from the OLRDB was to determine whether a relationship exists between documented characteristics of ROTC cadets and retention of these cadets as officers.

The scope of this effort was to create two ROTC data sets which were free of detectable errors, linked with the existing OLRDB core data set and documented for research use with the Statistical Analysis System (SAS). The data sets are the ROTC Advanced Camp Data Set and the ROTC Commission Data Set.

Retention analysis of the commissioned cadets, as documented on the OLRDB core data set, was also included within the scope of effort. Scholarship recipients were specifically evaluated in the retention report. The separation program designator was examined for those officers who had separated.

PROCEDURE

Source Data Used in the Project

ARI supplied two sets of ROTC data to be organized, verified for accuracy, and linked with the OLRDB.

1. ROTC Advanced Camp Cadet annual files from 1982 through 1985.

2. ROTC Cadet Master (Commission) annual files from 1982 through 1985.

Documentation for the Advanced Camp data consisted of record specifications and element descriptions. The Commission file was documented by tape layouts and TRADOC Regulation 145-15 that describes the entry of cadet data into the ROTC Management Information System (ROTCMIS). Examples of these documentation vehicles are included in Appendix A for Camp data and Appendix B for Commission data.

The ROTC data sets were linked to the OLRDB core data set. The core data set contains essential or core data elements from the Officer Master File that give a concise overview of an officer's status and promotion history while on active duty. A brief description of the data elements maintained on this data set is included in Appendix C.

Data Resolution

The location of data elements, valid values for data elements, and the data elements themselves are not consistent from year to year on the ROTC files. The tasks that were necessary to resolve the inconsistency in the data are described below.

1. Match the acronyms and abbreviations that appear on the tape layout forms to the data element descriptions.

2. Develop a set of data element names that were unique to the data set involved, descriptive of the data element, consistent within the OLRDP, and appropriate for use by the Statistical Analysis System.

3. Create a SAS program to extract each data element by name from each yearly file.

4. Create frequency tables for each data element from each year. Match the actual data values to the documented values for specific years to ensure the thoroughness of the documentation.

5. Create specifications and programs to change inconsistent data values to match current values for some data elements. Document new data values if no modification was possible.

ROTC Advanced Camp File. The data resolution of the ROTC Advanced Camp file was straightforward. Although some additional data values were present on the files for a few data variables, the title and placement of each data element was clearly documented.

The Contracting Officer's Representative (COR) reviewed the changes required to bring the early data up-to-date with current coding practices and the conversion was accomplished. Appendix D contains a description of the changes performed on the Advanced Camp data.

ROTC Commission File. The only identification of data elements on the ROTC Commission files was that specified on the tape layouts. They were denoted with acronyms and abbreviations that were extremely small in size and of poor copy quality that made the document difficult to decipher in some cases.

The data element names that were legible were matched to descriptions of data elements in TRADOC Regulation 145-15. The organization of this document has no relationship to the tape layouts in terms of placement of data elements. This regulation specifies data entry procedures for an input form, and data descriptions were arranged in reference to that form. It also contains data elements not present on the tape file and contains no information on some of the elements that do exist on the tape file.

The length of each of the data elements was clearly defined on the tape layouts so frequency tables for each element were used to verify a match between the tape layout and the TRADOC Regulation. Through this step of the data resolution process, it was discovered that the tape layout for fiscal year 1983 was incorrect. In actuality, the 1983 data matched the layout for fiscal year 1984.

After all possible resolutions were made, some data elements remain unidentified (10 out of 120) and some data values are not fully documented. These data elements were described on the data dictionary with whatever information was available such as position on the input file. Additional documentation for the ROTC Commission file could lead to proper identification of these data elements.

Each of the identified data elements was examined in the context of the current coding specifications. Some data elements on the older files required updating earlier coding standards to those used in 1985. A description of the conversion specifications for each input file is included in Appendix D.

ROTC Data Consolidation

After the data from each year of the ROTC files were made consistent with current coding requirements, the yearly files were consolidated to create two ROTC data sets, an Advanced Camp Data Set and a Commission Data Set.

The consolidation of each data set was performed by encoding the data year on the cadet's record and merging by social security number. If multiple entries for one social security number existed, the most recent record was saved. There were cases of multiple entries but they all appeared to be exact duplications of another record.

Encryption of Personal Identification Number

Each cadet record was identified by social security number. Privacy regulations prohibit the use of social security number in research files. Therefore, a special procedure was performed to transform the social security numbers into unique but meaningless identification numbers. This procedure was developed for the core data set of the OLRDB. The identification numbers generated for the ROTC data sets were consistent with those on the OLRDB.

Each record from the ROTC data sets was matched to the OLRDB core data set. A match means that the cadet was commissioned and began serving active duty as indicated in the OLRDB. The ROTC data set was marked with a special data element which indicates whether or not an OLRDB match was found.

RESULTS AND PRODUCTS

Data Set Description

Two ROTC/OLRDB data sets result from this effort. They reside at the National Institutes of Health (NIH) computer facility. They were both built and organized with the use of the Statistical Analysis System. SAS is a completely functional data processing programming language and contains a wide variety of statistical and reporting procedures commonly used in research. All data elements were assigned names conforming to SAS naming conventions with a length of eight or less. Missing values are represented on the SAS data sets by a period which is the SAS standard.

The ROTC/OLRDB Advanced Camp Data Set consists of 34,776 observations. Each observation (or record) describes an individual cadet present on the ROTC Advanced Camp files between 1982 and 1985. All ROTC data elements that were present on the annual files were carried over to the new data set. When this data set was matched to the OLRDB core data set, 14,661 cadets were present as active duty officers by 1986. The data element that indicates an OLRDB match, COLRDB, has a value of 'Y' for these cadets.

Each cadet was identified by a unique 9-digit match code that links the cadet to other data sets within the OLRDB. This data set contain some personal data such as date of birth, sex, and race, as well as background academia and military experience. The majority of the data elements, however, describe the cadet's status and training results from ROTC advanced camp work.

The ROTC/OLRDB Commission Data Set consists of 31,967 observations. All records contain the complete set of data elements present on the ROTC Commission annual files. When the match to the OLRDB core data set was performed, 18,617 cadets were present as active duty officers by 1986. For each of these officers, the OLRDB match indicator was set to 'Y'.

As in the Advanced Camp Data Set, the records were identified by the OLRDB matchcode. Similarly, some data elements described the cadet's status, personal data, and military background. The majority of data elements describe the cadet's academic performance, test results, and commissioning information. Scores were recorded for the Scholastic Aptitude Test, the American College Test, the General Screening Test, and others. Language performance was ranked. Grade point averages for both academic and ROTC Miliary Science classes were reported. Scholarship terms and status, commission dates, and branch information were also described.

A full list and description of all data elements can be found in Appendix E, which contains the data dictionary descriptions.

Data Dictionary Descriptions

ARI maintains a dictionary of all data elements contained in the OLRDB. The ROTC data set elements are documented in the data dictionary. Each entry consists of the element name, title (if known), description (if known), data values, and documentation for each data value (if known).

Both ROTC data sets contain some data elements for which no description was available in the documentation. The meaning of specific data values was frequently missing. Therefore, some data values lack descriptions. A complete listing of the data dictionary entries can be found in Appendix E.

Computer Procedures

The annual ROTC Advanced Camp and Commission files required the same processing steps to achieve the final research product. The objective of each computer procedure that can be used to update the ROTC data sets was the same for all files. However, the detailed program specifications such as data element input position, length, and name were unique for each file.

Each computer procedure is described below by its objective, input, output, and processing considerations if relevant. The Statistical Analysis System was the programming language used for each procedure. SAS is a high-level language that performs standard data processing functions well and lends itself to statistical analysis commonly used in research. Program listings of each procedure are included in Appendix F.

Procedure #1: Read Annual Files for Field Identification

OBJECTIVE

After manual review of the documentation for each file, it was necessary to verify that each field in the file contains data that matches the documentation. Rather than naming each element at this time, each data element was identified by its location in the record. For example, elements starting at positions 1 and 5 were identified as A1 and A5, with the appropriate lengths. Frequency counts of each element can be used to match the documented values for each data variable with what exists on the file.

INPUT

Input raw data files from ROTC.

OUTPUT

Program listing and frequency counts for each data element.

PROCESSING CONSIDERATIONS

The number of pages of output depends on the number of values found in each data element. Elements such as name and social security number will cause a separate line to be printed for each observation because these elements are unique for each record.

This step may need to be repeated again if elements do not appear as expected. Length or position of the variables may need to be corrected, and the frequencies rerun.

Procedure #2: Scramble Personal Identification Number

OBJECTIVE

Each cadet on the ROTC files is identified by social security number. The scramble procedure encrypts the social security number. This scrambled number can be used to uniquely identify each cadet for matching purposes within the OLRDB. In this manner, the privacy of each cadet as identified by social security number was maintained.

Due to the sensitive nature of this step, the Contracting Officer's Representative is the only person to receive a copy of the program listing for the scramble procedure.

INPUT

Input raw data files from ROTC.

OUTPUT

Working file #1 with all data unchanged except that social security number was replaced with the scrambled matchcode.

Procedure #3: Read and Recode Annual Files

OBJECTIVE

This procedure associates a unique and meaningful name with each data element. The ROTC Advanced Camp variables begin with 'C'. The ROTC Commission variables begin with 'M'. If possible, the descriptive names are the same for like elements. For example, the data variable 'RACE' is identified as 'CRACE' and 'MRACE' on the appropriate data set.

It was necessary to change the value of some data elements to conform to 1985 coding requirements. Conversion specifications for each data set are described in Appendix D.

Additional data variables were created as needed. For example, 1982 test scores were maintained in their component parts of math and language. The following years reported only the total score. The total score was created for 1982 by adding together the math and language scores. The component scores for 1982 were also stored on the data set. The fiscal year of the ROTC file associated with each record was also added as well.

Data variables that were not to be included on the final data set were deleted in this procedure. File maintenance element 'DELETE' and filler elements were of no use for research purposes. 'NAME' was removed for privacy purposes.

INPUT

Working file #1.

OUTPUT

Working file #2.

Procedure #4: Examine Duplicate Records

OBJECTIVE

Each final data set contains one record for each cadet. This procedure identifies duplicate records, if they exist, and prints them for manual review.

INPUT

Working file #2.

OUTPUT

Printout of records for each cadet with multiple records.

Procedure #5: Concatenate Years and Match to OLRDB

OBJECTIVE

This procedure produces the final ROTC data sets. The recoded files for each year were merged together in order by the scrambled matchcode. The combined data set was sorted by year in descending order within matchcode. The duplicate records for a single cadet were dropped from the file, leaving the most recent year if multiple years exist. There were 47 duplicate records for cadets on the Advanced Camp files and 20 duplicate records for cadets on the Commission files.

The resulting data set was then matched to the OLRDB core data set. New data elements, COLRDB (Camp) and MOLRDB (Commission), were added to the ROTC data sets to identify those records for which an OLRDB match was found.

Finally, a listing of the contents of the newly created data set was created using the PROC CONTENTS procedure. This listing identifies the SAS name of each element, the element type, length, and position in the SAS file.

INPUT

Working file #2.

OUTPUT

SAS ROTC/OLRDB Data Set.
Contents listing of the SAS ROTC/OLRDB Data Set.

PROCESSING CONSIDERATIONS

The program listing must be examined carefully to ensure that each step was completed correctly. The SAS notes and comments identify the number of observations in each step of the program as well as denote error conditions encountered and actions taken.

Procedure #6: Count Frequency of ROTC Data Variable Values

OBJECTIVE

Frequency counts of each data variable value identify the range of values present on the data set as well as the percentage of observations that contain each value. These counts were created for all ROTC data elements.

INPUT

SAS ROTC/OLRDB Data Set.

OUTPUT

Listing of frequency counts for each ROTC data variable.

PROCESSING CONSIDERATIONS

Each data value is reported on the frequency listing. Those observations that had no value recorded for a particular data element were counted as 'missing' values. SAS represents missing values by a period. Cases with missing values were not counted into the column and cumulative frequency totals.

Procedure #7: Analyze Retention

OBJECTIVE

This procedure consists of as many analyses as desired to analyze retention of ROTC cadets as officers. Retention in this case is not to be confused with reenlistment analysis based on obligation. It simply reflects the number of officers who stay or separate in a given year.

Analysis of the OLRDB match data elements on the ROTC data sets showed that 42% of the Camp cadets and 58% of the Commission cadets were present as active duty officers on the OLRDB core data set. Retention analysis was performed with SAS on these officers and was presented in a variety of ways. Retention was analyzed by scholarship status alone, by separation program designator alone, and by both scholarship status and separation program designator together.

INPUT

SAS ROTC/OLRDB Data Set.

OUTPUT

Reports of retention analysis for officers who were present on the ROTC Advanced Camp and Commission files in 1982 through 1985.

Retention Analysis

ROTC cadets who had become active duty officers were examined by a retention analysis. The officers present on a given year of the Officer Master File (OMF) as represented on the OLRDB were examined for presence or absence in the following year. Thus a retention rate was calculated for each 2-year period for which the officers were present on the OLRDB. The retention rates were further distinguished by a scholarship element. Table 1 describes the retention analysis.

Table 1

Retention Analysis by Scholarship Status

Retention Period	Initial Population	Number Retained	Retention Rate (%)
Camp Data Set			
Nonscholarships			
1983 to 1984	1282	1276	99.5
1984 to 1985	3584	3546	98.9
1985 to 1986	5855	5780	98.7
Scholarships			
1983 to 1984	1107	1107	100.0
1984 to 1985	2920	2912	99.7
1985 to 1986	4830	4794	99.3
Commission Data Set			
Nonscholarships			
1982 to 1983	1902	1886	99.2
1983 to 1984	4377	4300	98.2
1984 to 1985	7229	7093	98.1
1985 to 1986	9647	9205	95.4
Scholarships			
1982 to 1983	1155	1153	99.8
1983 to 1984	2647	2635	99.5
1984 to 1985	4598	4571	99.4
1985 to 1986	6646	6579	98.9

Over the few years to which retention analyses could be applied, a slightly greater percentage of officers who received ROTC scholarships were retained longer than those without scholarships.

For those officers who were not retained, examination of the separation program designator (SPD) revealed a wide range of reasons for separation. However, two reasons dominated the separation of these officers.

1. Failure to meet course performance or selection standards.

Scholarship Recipients	36% of 152 Separations 1982-1986
Nonscholarship Recipients	33% of 790 Separations 1982-1986

2. Expiration of term of service.

Scholarship Recipients	3% of 152 Separations 1982-1986
Nonscholarship Recipients	32% of 790 Separations 1982-1986

A much higher percentage of nonscholarship recipients had separated due to expiration of their terms. There were no data available in the data sets used in this study that identified obligation. Scholarship recipients have longer periods of obligation. Comparisons of retention rates by scholarship status cannot yet be evaluated with the small number of years present on the OLRDB for the officers in the study. More comprehensive retention analysis will be feasible when periods of obligation and other pertinent information are incorporated into the OLRDB.

SUMMARY AND CONCLUSIONS

The ROTC Advanced Camp and Commission Data Sets linked with the OLRDB would be useful for evaluating retention of the ROTC cadets as officers. Specific characteristics of the ROTC cadet or the training program can be utilized to better understand the characteristics of officers who choose to remain in the Army as well as the reasons for separation.

For the ROTC cadet records available in the OLRDB at this time, there was not enough history on the OLRDB to provide a complete analysis of retention. However, various subgroups of officers can be evaluated in a year-by-year retention analysis.

The ROTC Advanced Camp Data Set contains 156 data elements. The number of cadets from each year of camp data and whether or not they were matched to a record on the OLRDB is described below.

Table 2

ROTC Advanced Camp/OLRDB

Year	Number Cadets	Number Matched OLRDB	Percent Matched OLRDB
1982	8,111	4,421	(54%)
1983	9,451	4,694	(49%)
1984	8,904	3,579	(40%)
1985	8,310	1,967	(24%)
Total	34,776	14,661	(42%)

The ROTC Commission data set contains 123 data elements. The number of cadets from each year of commission data and whether or not they were matched to a record on the OLRDB is described below.

Table 3

ROTC Commissioned/OLRDB

Year	Number Cadets	Number Matched OLRDB	Percent Matched OLRDB
1982	7,118	4,654	(65%)
1983	8,250	5,274	(64%)
1984	8,273	4,853	(59%)
1985	8,326	3,836	(46%)
Total	31,967	18,617	(58%)

Research use of these data sets would benefit from further documentation for some data which are poorly described. This documentation is likely to accompany additional years of ROTC Advanced Camp and Commission data.

These new years of data could also be added to the existing files by using the procedures described in Appendix F. For example, if 1986 data were to be added to the files, the tape layout would need to be examined for changes in data element placement and length. The input format in Procedure #3 would need to be changed to reflect the new layout. If data values for some data elements changed between 1985 and 1986, the SAS statements which would perform this conversion would replace the existing conversion code in

Procedure #3. Finally, the new file would be matched to the OLRDB. Whether or not new ROTC data are added to the existing files, there would appear to be significant benefit from the inclusion of additional years of OLRDB data with the newly formed ROTC/OLRDB data sets.

APPENDIX A

SOURCE DOCUMENTATION FOR ROTC ADVANCED CAMP FILES

Record Specification for ROTC Advanced Camp File for 1982
DPFOM 18-1-8-TDU (OM)
C-1, 820310

RECORD SPECIFICATION For use of this form, see TB 18-111; the proponent agency is CSA					1. DATE Mar 81
2. ID A07TDU6M	3. TITLE ROTC Advanced Camp Cadet				
4. DESCRIPTION Master					5. LENGTH 400
					6. SECLAS/PRIV U/PIN
7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
1-4	1	Unit	A/N	4	
5-13	2	SSN	N	9	
14-28	3	Cadet Last Name	A	15	
29-39	4	Cadet First Name	A	11	
40	5	Cadet MI	A	1	
41-46	6	Institution Code (Host)	N	6	
47-73	7	Institution Name	A	27	
74	8	ROTC Univ. Region	N	1	1-4
75	9	Univ. Region Area Code	N	1	1-6
76	10	Cross Enrolled/Extension Center	A	1	C,X or b
77-82	11	Institution Code (Cross Enrolled/ Extension Center	A/N	6	b or Inst Code
83	12	Sex	A	1	F or M
84	13	Race	A	1	C,N,R,M,Z or X
85	14	Ethnic	A/N	1	1-9,G,J,K,D,V,S, E,W,L,Q,X or Z
86-91	15	Date of Birth	N	6	YYMMDD
92	16	Religious Preference	A	1	P,C,J,X or Z
93	17	Approved Early Release/Late Arrival Code	A	1	E,L or b
94-99	18	Date of Early Release or Late Arrival	A/N	6	YYMMDD or b
100	19	Prior Military Service	A	1	E,W,C or b
101	20	Program Type	N	1	2 or 4
102	21	MS Class	N	1	3 or 4
103	22	Scholarship Type	N	1	0, 1-4
104	23	Academic Class	N	1	1-5
105-107	24	Academic Major			
108	25	Compression	A/N	1	1,2,4 or b
109-110	26	Filler	A	2	Blank
111	26	Waiver Granted	A	1	A-F,H,L,M,R,S,T, V,W or b
112	27	Guaranteed Reserve Forces Duty(GRFD)	A	1	Y,W or b
113	28	Simultaneous Membership Program(SMP)	A	1	R,N,W or b
114	29	25-Meter Swim	A	1	Y or N
115	30	CTLT Nominee	A	1	Y or N
116	31	To Be Commissioned at Camp	A	1	Y or N
117	32	Cadet Status	A/N	1	1-8, A-E or b

DA FORM 1 NOV 78 4738

RECORD SPECIFICATION For use of this form, see TB 18-111; the proponent agency is CSA.					1. DATE
2. ID	3. TITLE ROTC Advanced Camp Cadet				
4. DESCRIPTION					5. LENGTH 6. SECLAS/PRIV
7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
118-123	33	Drop Status Date	A/N	6	Ø or YYMMDD if fld 32 = 1-7
124	34	Cycle	N	1	1-9
125	35	Special Medical	A	1	A,F,C,X or Ø
126	36	Travel	A	1	P,B,T,A or Z
127-128	37	Rifle Marksmanship Initial Fire	N	2	ØØ - 4Ø
129-130	38	Rifle Marksmanship - Refire	N	2	ØØ - 4Ø
131	39	Rifle Marksmanship Qual.	A	1	Q or F or Ø
132	4Ø	Rifle Marksmanship Qual. Level	A	1	E,S,M,U,F or N
133-134	41	Land Nav - Initial Night	N	2	Ø1 - 1Ø
135-136	42	Land Nav - Initial Day	N	2	Ø1 - 6Ø
137-138	43	Land Nav - Initial Written	N	2	Ø1 - 3Ø
139-141	44	Land Nav - Total Initial Raw	N	3	Ø1 - 1ØØ
142-143	45	Filler	N	2	ØØ
144-145	46	Land Nav - Retake Day	N	2	Ø1 - 6Ø
146-147	47	Land Nav - Retake Written	N	2	Ø1 - 3Ø
148-15Ø	48	Land Nav - Total Retake Raw	N	3	Ø1 - 1ØØ
151	49	Land Nav Waiver	A	1	M, W or Ø
152	5Ø	Land Nav Qualification	A	1	C or N
153	51	Land Nav Recondo	A	1	C or N
154-156	52	Land Nav Camp Average	N	3	
157-158	53	PT Initial Push-Up Raw	N	2	Ø1 - 68
159-16Ø	54	PT Initial Sit-Up Raw	N	2	Ø1 - 69
161-164	55	PT Initial Mile Run Raw	N	4	13Ø5 - 3146
165-167	56	PT Initial Push-Up Tbl Score	N	3	ØØ2 - 1ØØ
168-17Ø	57	PT Initial Sit-Up Tbl Score	N	3	ØØ1 - 1ØØ
171-173	58	PT Initial Mile Run Tbl Score	N	3	ØØ1 - 1ØØ
174-176	59	PT Initial Total Tbl Score	N	3	ØØ1 - 3ØØ
177-178	6Ø	PT Retake Push-Up Raw	N	2	Ø1 - 68
179-18Ø	61	PT Retake Sit-Up Raw	N	2	Ø1 - 69
181-184	62	PT Retake Mile Run Raw	N	4	13Ø5 - 3146
185-187	63	PT Retake Push-Up Tbl Score	N	3	ØØ1 - 1ØØ
188-19Ø	64	PT Retake Sit-Up Tbl Score	N	3	ØØ1 - 1ØØ
191-193	65	PT Retake Mile Run Tbl Score	N	3	ØØ1 - 1ØØ
194-196	66	PT Retake Total Tbl Score	N	3	ØØ1 - 3ØØ
197	67	PT Waiver	A	1	M, W or Ø
198	68	PT Qualification	A	1	C or N
199	69	PT Recondo	A	1	C or N
2ØØ-2Ø2	7Ø	PT Camp Average	N	3	
2Ø3-2Ø4	71	Job Perf - Plt Officer	N	2	Ø1,Ø2,Ø3, or 11

DA FORM 1 NOV 78 4738

RECORD SPECIFICATION

For use of this form, see TB 18-111; the proponent agency is CSA.

1. DATE

2. ID

3. TITLE: ROTC Advanced Camp Cadet

4. DESCRIPTION

5. LENGTH

6. RECLAS/PRIV

7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
205-206	72	Job Perf - Plt NCO	N	2	01,02,03, or 11
207-208	73	Job Perf - Plt Size	N	2	
209-210	74	Tax Rater	A/N	2	
211-219	75	Tax Raw Points	N	9	Ea Posn = 1-7
220	76	Tax Go/No Go	A	1	G or N
221-223	77	Tax Total Raw	N	3	09 - 63
224-226	78	Tax ASC	N	3	
227	79	Tax Waiver	A	1	M, W or B
		(MILITARY SKILLS INITIAL SCORES)			
228-229	80	Law	N	2	01 - 20
230-231	81	Hand Grenade	N	2	01 - 17
232-233	82	M-60	N	2	01 - 40
234-235	83	Commo	N	2	01 - 17
236-237	84	M-16	N	2	01 - 39
238-239	85	First Aid	N	2	01 - 21
240-241	86	NBC	N	2	01 - 43
242-243	87	Claymore	N	2	01 - 08
244-245	88	Artillery	N	2	01 - 08
246-247	89	Security/Intelligence	N	2	01 - 20
248-249	90	Tactics	N	2	01 - 21
250-252	91	Military Skills Initial Total	N	3	001 - 254
		(MILITARY SKILLS RETAKE SCORES)			
253-254	92	Law	N	2	01 - 20
255-256	93	Hand Grenade	N	2	01 - 17
257-258	94	M-60	N	2	01 - 40
259-260	95	Commo	N	2	01 - 17
261-262	96	M-16	N	2	01 - 39
263-264	97	First Aid	N	2	01 - 21
265-266	98	NBC	N	2	01 - 43
267-268	99	Claymore	N	2	01 - 08
269-270	9A	Artillery	N	2	01 - 08
271-272	9B	Security/Intelligence	N	2	01 - 20
273-274	9C	Tactics	N	2	01 - 21
275-277	9D	Military Skills Retake Total	N	3	01 - 254
278	9E	Military Skills Waiver	A	1	M, W or B
279	9F	Military Skills Qual.	A	1	G or N
280-281	9G	Cadet Roster Number	N	2	01 - 60
282-301	9H	Peer Rating (Practice) Most Votes	N	20	10 2-posn flds = 01 - 60
	9I				

DA FORM 1 NOV 78 4738

RECORD SPECIFICATION For use of this form, see TB 18-111; the proponent agency is CSA.					1. DATE
2. ID	3. TITLE ROTC Advanced Camp Cadet				
4. DESCRIPTION					5. LENGTH 6. SECLAS/PRIV
7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
302-321	9J 9K	Peer Rating (Practice) Least Votes	N	20	10 2-posn flds = 01 - 60
322-324	9L	Peer Rating (Practice) Raw Score	N	3	
325-327	9M	Peer Rating (Practice) ASC	N	3	
328-347	9N 90	Peer Rating (Record) Most Votes	N	20	10 2-posn flds = 01 - 60
348-367	9P 9Q	Peer Rating (Record) Least Votes	N	20	10 2-posn flds = 01 - 60
368-370	9R	Peer Rating (Record) Raw Score	N	3	
371-373	9S	Peer Rating (Record) ASC	N	3	
374-378	9T	Recondo Event Qual.	A	5	Ea Posn = NorG
379	9U	Recondo Qualification	A	1	G or N
380	9V	Camp Code	N	1	1,3,4 or 5
381 383	9W	Military Skills Camp Average	N	3	
384-400	119	Filler	A	17	Blanks

DA FORM 1 NOV 78 4738

Record Specification for ROTC Advanced Camp File for 1983

DPFOM 18-1-8-TDU (OM)

C-2, 830107

RECORD SPECIFICATION For use of this form, see TB 18-111, the proponent agency is CSA			1. DATE 830107
2. ID A07TDU6M	3. TITLE ROTC Advanced Camp Cadet		
4. DESCRIPTION Master			5. LENGTH 400 6. SECLAS.PRIV U/PIN

7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
1-4	1	Unit	A/N	4	
5-13	2	SSN	N	9	
14-28	3	Cadet Last Name	A	15	
29-39	4	Cadet First Name	A	11	
40	5	Cadet MI	A	1	
41-46	6	Institution Code (Host)	N	6	
47-73	7	Institution Name	A	27	
74	8	ROTC Univ. Region	N	1	1-4
75	9	Univ. Region Area Code	N	1	1-6
76	10	Cross Enrolled/Extension Center	A	1	C,X or ß
77-82	11	Institution Code (Cross Enrolled/ Extension Center	A/N	6	ß or Inst Code
83	12	Sex	A	1	F or M
84	13	Race	A	1	C,N,R,M,Z or X
85	14	Ethnic	A/N	1	1-9,G,J,K,D,V,S E,W,L,Q,X or Z
86-91	15	Date of Birth	N	6	YYMMDD
92	16	Religious Preference	A	1	P,C,J,X or ß
93	17	Approved Early Release/Late Arrival Code	A	1	E,L or ß
94-99	18	Date of Early Release or Late Arrival	A/N	6	YYMMDD or ß
100	19	Prior Military Service	A	1	E,W,C or ß
101	20	Program Type	N	1	2 or 4
102	21	MS Class	N	1	3 or 4
103	22	Scholarship Type	N	1	0, 1-4
104	23	Academic Class	N	1	1-5
105-107	24	Academic Major			
108	25	Compression	A/N	1	1,2,4 or ß
109-110	26	Filler	A	2	Blank
111	26	Waiver Granted	A	1	A-H,J-N,P,R-X, 3-6 or ß
112	27	Guaranteed Reserve Forces Duty(GRFD)	A	1	W,R,N,P,M,G,K,H, A or ß
113	28	Simultaneous Membership Program (SMP)	A	1	R,N,W or ß
114	29	25-Meter Swim	A	1	Y or N
115	30	CTLT Nominee	A	1	Y or N
116	31	To Be Commissioned at Camp	A	1	Y or N
117	32	Cadet Status	A/N	1	1-8, A-E or ß

DA FORM 4738

DPFOM 18-1-B-TDU (OM)
C-7, 83Ø1Ø7

RECORD SPECIFICATION
For use of this form, see TB 18-111, the proponent agency is CSA.

1. DATE: 83Ø1Ø7

2. ID: AØ7TDU6M

3. TITLE: ROTC Advanced Camp Cadet

4. DESCRIPTION:

5. LENGTH:

6. SECLAS/PRIV:

7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
118-123	33	Drop Status Date	A/N	6	b or YYMMDD if fld 32 = 1-7
124	34	Cycle Desired	N	1	1-9
125	35	Special Medical	A	1	A,F,C,X or b
126	36	Travel	A	1	P,B,T,A or Z
127-128	37	Rifle Marksmanship Initial Fire	N	2	ØØ - 4Ø
129-130	38	Rifle Marksmanship - Refire	N	2	ØØ - 4Ø
131	39	Rifle Marksmanship Qual.	A	1	F or N
132	4Ø	Rifle Marksmanship Qual. Level	A	1	E,S,M,U
133-134	41	Land Nav - Initial Night	N	2	Ø1 - 1Ø
135-136	42	Land Nav - Initial Day	N	2	Ø1 - 6Ø
137-138	43	Land Nav - Initial Written	N	2	Ø1 - 3Ø
139-141	44	Land Nav - Total Initial Raw	N	3	Ø1 - 1ØØ
142-143		Filler	N	2	ØØ
144-145	45	Land Nav - Retake Day	N	2	Ø1 - 6Ø
146-147	46	Land Nav - Retake Written	N	2	Ø1 - 3Ø
148-150	47	Land Nav - Total Retake Raw	N	3	Ø1 - 1ØØ
151	48	Land Nav Waiver	A	1	M,W or b
152	49	Land Nav Qualification	A	1	G or N
153	5Ø	Land Nav Recondo	A	1	G or N
154-156	51	Land Nav Camp Average	N	3	
157-158	52	PT Initial Push-Up Raw	N	2	Ø1 - 68
159-160	53	PT Initial Sit-Up Raw	N	2	Ø1 - 69
161-164	54	PT Initial Mile Run Raw	N	4	13Ø5 - 3146
165-167	55	PT Initial Push-Up Tbl Score	N	3	ØØ2 - 1ØØ
168-170	56	PT Initial Sit-Up Tbl Score	N	3	ØØ1 - 1ØØ
171-173	57	PT Initial Mile Run Tbl Score	N	3	ØØ1 - 1ØØ
174-176	58	PT Initial Total Tbl Score	N	3	ØØ1 - 3ØØ
177-178	59	PT Retake Push-Up Raw	N	2	Ø1 - 68
179-180	6Ø	PT Retake Sit-Up Raw	N	2	Ø1 - 69
181-184	61	PT Retake Mile Run Raw	N	4	13Ø5 - 3146
185-187	62	PT Retake Push-Up Tbl Score	N	3	ØØ1 - 1ØØ
188-190	63	PT Retake Sit-Up Tbl Score	N	3	ØØ1 - 1ØØ
191-193	64	PT Retake Mile Run Tbl Score	N	3	ØØ1 - 1ØØ
194-196	65	PT Retake Total Tbl Score	N	3	ØØ1 - 3ØØ
197	66	PT Waiver	A	1	M,W or b
198	67	PT Qualification	A	1	G or N
199	68	PT Recondo	A	1	G or N
200-202	69	PT Camp Average	N	3	

DA FORM 1 NOV 78 4738

U.S. Government Printing Office

RECORD SPECIFICATION

For use of this form, see TB 18-111; the proponent agency is CSA

1. DATE: 830107

2. ID: A07TDU6M

3. TITLE: ROTC Advanced Camp Cadet

4. DESCRIPTION

5. LENGTH

6. SECLAS/PRIV

7. POSITION	8. FIELD	9. FIELD TITLES	10 REP	11. LEN	12. REMARKS
203-204	70	Job Perf - Plt Officer	N	2	01,02,03,11
205-206	71	Job Perf - Plt NCO	N	2	01,02,03,11
207-208	72	Job Perf - Plt Size	N	2	
209-210	73	Tax Rater	A/N	2	
211-219	74	Tax Raw Points	N	9	Ea Posn = 1-7
220	75	Tax Go/No Go	A	1	G or N
221-223	76	Tax Total Raw	N	3	09 - 63
224-226	77	Tax ASC	N	3	
227	78	Tax Waiver	A	1	M,W or b
228-279	79	Local Data	A/N	52	
280-281	80	Cadet Roster Number	N	2	01 - 60
282-301	81	Peer Rating (Practice) Most Votes	N	20	10 2-posn flds = 01-60
302-321	82	Peer Rating (Practice) Least Votes	N	20	10 2-posn flds = 01-60
322-324	83	Peer Rating (Practice) Raw Score	N	3	
325-327	84	Peer Rating (Practice) ASC	N	3	
328-347	85	Peer Rating (Record) Most Votes	N	20	10 2-posn flds = 01-60
348-367	86	Peer Rating (Record) Least Votes	N	20	10 2-posn flds = 01-60
368-370	87	Peer Rating (Record) Raw Score	N	3	
371-373	88	Peer Rating (Record) ASC	N	3	
374-378	89	Recondo Event Qual.	A	5	Ea Posn=N or G
379	90	Recondo Qualification	A	1	G or N
380	91	Camp Code	N	1	1,3,4 or 5
381-400		Filler	A	20	Blanks

DA FORM 1 NOV 78 4738

U.S. Government Printing Office 1980-310-961/8666

Record Specification for ROTC Advanced Camp File for 1984
DPFOM 18-1-B-TDU (OM)

C-3, 840404

RECORD SPECIFICATION For use of this form, see TB 18 111, the proponent agency is CSA			1. DATE 840404
2. ID A07TDU6M	3. TITLE ROTC Advanced Camp Cadet		
4. DESCRIPTION Master			5. LENGTH 400
			6. SECLAS/PRIV U/PIN

7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
1-4	1	Unit	A/N	4	
5-13	2	SSN	N	9	
14-28	3	Cadet Last Name	A	15	
29-39	4	Cadet First Name	A	11	
40	5	Cadet MI	A	1	
41-46	6	Institution Code (Host)	N	6	
47-73	7	Institution Name	A	27	
74	8.	ROTC Univ. Region	N	1	1-4
75	9	Univ. Region Area Code	N	1	1-6
76	10	Cross Enrolled/Extension Center	A	1	C,X or ß
77-82	11	Institution Code (Cross Enrolled/ Extension Center	A/N	6	ß or Inst Code
83	12	Sex	A	1	F or M
84	13	Race	A	1	C,N,R,M,Z or X
85	14	Ethnic	A/N	1	1-9,G,J,K,D,V,S, E,W,L,Q,X or Z
86-91	15	Date of Birth	N	6	YYMMDD
92	16	Religious Preference	A	1	P,C,J,X or Z
93	17	Approved Early Release/Late Arrival Code	A	1	E,L or ß
94-99	18	Date of Early Release or Late Arrival	A/N	6	YYMMDD or ß
100	19	Prior Military Service	A	1	E,W,C or ß
101	20	Program Type	N	1	2 or 4
102	21	MS Class	N	1	3 or 4
103	22	Scholarship Type	N	1	0, 1-4
104	23	Academic Class	N	1	1-5
105-107	24	Academic Major			
108	25	Compression	A/N	1	1,2,4 or ß
109-110	26	Filler	A	2	Blank
111	26	Waiver Granted	A	1	A-H,J-N,P,R-X, 3-6 or ß
112	27	Guaranteed Reserve Forces Duty(GRFD)	A	1	W,R,N,P,M,G,K,H, A or ß
113	28	Simultaneous Membership Program (SMP)	A	1	R,N,W or ß
114	29	25-Meter Swim	A	1	Y or N
115	30	Filler	A	1	
116	31	To Be Commissioned at Camp	A	1	Y or N
117	32	Cadet Status	A/N	1	1-8, A-E or ß

DA FORM 1 NOV 78 4738

DPFOM 18-1-B-TDU (OM)

C-3, 840404

RECORD SPECIFICATION For use of this form, see TB 18-111; the proponent agency is CSA.					1. DATE 840404
2. ID A07TDU6M	3. TITLE ROTC Advanced Camp Cadet				
4. DESCRIPTION					5. LENGTH 6. SECLAS/PRIV
7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
118-123	33	Drop Status Date	A/N	6	Bor YYMMDD if fld 32 = 1-7
124	34	Cycle Desired	N	1	1-9
125	35	Special Medical	A	1	A,F,C,X or B
126	36	Filler	A	1	
127-128	37	Rifle Marksmanship Initial Fire	N	2	00 - 40
129-130	38	Rifle Marksmanship - Refire	N	2	00 - 40
131	39	Rifle Marksmanship Qual.	A	1	F or N
132	40	Rifle Marksmanship Qual. Level	A	1	E,S,M,U
133-134	41	Land Nav - Initial Night	N	2	01 - 10
135-136	42	Land Nav - Initial Day	N	2	01 - 60
137-138	43	Land Nav - Initial Written	N	2	01 - 30
139-141	44	Land Nav - Total Initial Raw	N	3	01 - 100
142-143		Filler	N	2	00
144-145	45	Land Nav - Retake Day	N	2	01 - 60
146-147	46	Land Nav - Retake Written	N	2	01 - 30
148-150	47	Land Nav - Total Retake Raw	N	3	01 - 100
151	48	Land Nav Waiver	A	1	M,W or B
152	49	Land Nav Qualification	A	1	G or N
153	50	Land Nav Recondo	A	1	G or N
154-156	51	Land Nav Camp Average	N	3	
157-158	52	PT Initial Push-Up Raw	N	2	01 - 68
159-160	53	PT Initial Sit-Up Raw	N	2	01 - 69
161-164	54	PT Initial Mile Run Raw	N	4	1305 - 3146
165-167	55	PT Initial Push-Up Tbl Score	N	3	002 - 100
168-170	56	PT Initial Sit-Up Tbl Score	N	3	001 - 100
171-173	57	PT Initial Mile Run Tbl Score	N	3	001 - 100
174-176	58	PT Initial Total Tbl Score	N	3	001 - 300
177-178	59	PT Retake Push-Up Raw	N	2	01 - 68
179-180	60	PT Retake Sit-Up Raw	N	2	01 - 69
181-184	61	PT Retake Mile Run Raw	N	4	1305 - 3146
185-187	62	PT Retake Push-Up Tbl Score	N	3	001 - 100
188-190	63	PT Retake Sit-Up Tbl Score	N	3	001 - 100
191-193	64	PT Retake Mile Run Tbl Score	N	3	001 - 100
194-196	65	PT Retake Total Tbl Score	N	3	001 - 300
197	66	PT Waiver	A	1	M,W or B
198	67	PT Qualification	A	1	G or N
199	68	PT Recondo	A	1	G or N
200-201	69	PT Camp Average	N	3	

DA FORM 1 NOV 78 4738

GU.S. Government Printing Office: 1980—310-961/0088

RECORD SPECIFICATION For use of this form, see TB 18-111, the proponent agency is CSA.	1. DATE 830107
2. ID A07TDU6M	3. TITLE ROTC Advanced Camp Cadet
4. DESCRIPTION	5. LENGTH
	6. SECLAS/PRIV

7. POSITION	8. FIELD	9. FIELD TITLES	10. REP	11. LEN	12. REMARKS
203-204	70	Job Perf - Plt Officer	N	2	01,02,03,11
205-206	71	Job Perf - Plt NCO	N	2	01,02,03,11
207-208	72	Job Perf - Plt Size	N	2	
209-210	73	Tax Rater	A/N	2	
211-219	74	Tax Raw Points	N	9	Ea Posn = 1-7
220	75	Tax Go/No Go	A	1	G or N
221-223	76	Tax Total Raw	N	3	09 - 63
224-226	77	Tax ASC	N	3	
227	78	Tax Waiver	A	1	M,W or B
228-279	79	Local Data	A/N	52	
280-281	80	Cadet Roster Number	N	2	01 - 60
282-301	81	Peer Rating (Practice) Most Votes	N	20	10 2-posn flds = 01-60
302-321	82	Peer Rating (Practice) Least Votes	N	20	10 2-posn flds = 01-60
322-324	83	Peer Rating (Practice) Raw Score	N	3	
325-327	84	Peer Rating (Practice) ASC	N	3	
328-347	85	Peer Rating (Record) Most Votes	N	20	10 2-posn flds = 01-60
348-367	86	Peer Rating (Record) Least Votes	N	20	10 2-posn flds = 01-60
368-370	87	Peer Rating (Record) Raw Score	N	3	
371-373	88	Peer Rating (Record) ASC	N	3	
374-378	89	Recondo Event Qual.	A	5	Ea Posn=N or G
379	90	Recondo Qualification	A	1	G or N
380	91	Camp Code	N	1	1,3,4 or 5
381-400		Filler	A	20	Blanks

DA FORM 1 NOV 78 4738

GU.S. Government Printing Office: 1980—310-081/0000

Record Specification for ROTC Advanced Camp File for 1985

RECORD SPECIFICATION

For use of this form, see TB 18-111; the proponent agency is DCSOPS.

DATE: 841130

3. TITLE: A07TDU CADET MASTER RECORD

4. DESCRIPTION

5. LENGTH: 400

6. SECLAS/PRIV: U/Y

7. POSITION	8. FIELD	9. FIELD TITLES	10. CLASS	11. LENGTH	12. REMARKS
1-4	1	Unit	A/N	4	
5-13	2	Social Security Number	N	9	
14-40	3	Cadet Name	A	27	
41-46	4	Institution Code (Host)	N	6	
47-73	5	Institution Name	A	27	
74	6	ROTC University Region	N	1	1-4
75	7	Area of Command	N	1	1-9
76	8	Cross-Enrolled/Extension Center Code	A	1	C,X,B
77-82	9	Institution Code of Cross-Enrolled/ Extension Center	A/N	6	All numerics or all spaces
83	10	Sex	A	1	F or M
84	11	Race	A	1	C,M,N,R,X,Z
85	12	Ethnic Group	A/N	1	1-9,D,E,G,J,K,L, Q,S,V,W,X,Y,Z
86-91	13	Date of Birth	N	6	
92		Filler		1	
[illegible]	14	Approved Early Release/Late Arrival Code	A	1	E,L,B
[illegible]-99	15	Date Early Release/Late Arrival	A/N	6	YYMMDD or all spaces
100	16	Prior Military Service	A	1	E,W,C,B
101	17	Program Type	N	1	2 or 4
102	18	Military Science Class	N	1	3 or 4
103	19	Scholarship Type	N	1	0,2,3,4
104	20	Academic Class	A/N	1	1,2,3,4,5,G
105-107	21	Major Subject of Col Ed (Acad Maj)	A	3	
108	22	Compression Code	A/N	1	1,2,4,B
109-110		Filler		2	
111	23	Waiver Granted	A/N	1	A-H,J-N,P,R-X, 3,4,B
112	24	Guaranteed Reserve Forces Duty	A	1	A-Z,B
113	25	Simultaneous Membership Program	A	1	V,G,W,B
114	26	25-Meter Swim	A	1	G,N,B
115	27	CTLT	A	1	S,N,B
116	28	To be Commissioned at Camp	A	1	C or N
117	29	Cadet Status	A/N	1	A-E,B
118-123	30	Drop Status Date	A/N	6	Spaces
124	31	Cycle Desired	N	1	0-9
125	32	Special Medical	A	1	F,X,R,B
126		Filler		1	
127-128	33	Rifle Marksmanship-Initial Fire	N	2	00-40
129-130	34	Rifle Marksmanship-Refire	N	2	00-40
[illegible]1	35	Rifle Marksmanship Qualification	A	1	Q,N,B
[illegible]	36	Rifle Marksmanship Qual. Level	A	1	E,S,M,N,B
[illegible]3-134	37	Land Navigation-Initial Night	N	2	00-10
135-136	38	Land Navigation-Initial Day	N	2	00-60
137-138	39	Land Navigation-Initial Written	N	2	00-30

DA FORM 4738-R, APR 83 REPLACES DA FORM 4738, NOV 78, WHICH IS OBSOLETE.

RECORD SPECIFICATION

For use of this form, see TB 18-111, the proponent agency is DCSOPS.

1 DATE: 841130

2.

3. TITLE: A07TDU CADET MASTER RECORD

4. DESCRIPTION

5. LENGTH: 400

6. SECLAS/PRIV: U/Y

7. POSITION	8. FIELD	9. FIELD TITLES	10. CLASS	11. LENGTH	12. REMARKS
139-141	40	Land Navigation-Total Initial Raw	N	3	000-100
142-143		Filler	N	2	00
144-145	41	Land Navigation-Retake Day	N	2	00-60
146-147	42	Land Navigation-Retake Written	N	2	00-30
148-150	43	Land Navigation-Total Retake Raw	N	3	000-100
151	44	Land Navigation Waiver	A	1	M,Y,B
152	45	Land Navigation Qualification	A	1	G,N,B
153	46	land Navigation Recondo	A	1	G,N,B
154-156	47	Land Navigation Camp Average	N	3	
157-158	48	APRT Initial Push-Up Raw	N	2	00-99
159-160	49	APRT Initial Sit-Up Raw	N	2	00-99
161-164	50	APRT Initial 2-Mile Run Raw	N	4	
165-167	51	APRT Initial Push-Up Table Score	N	3	000-100
168-170	52	APRT Initial Sit-Up Table Score	N	3	000-100
171-173	53	APRT Initial 2-Mile Run Table Score	N	3	000-100
174-176	54	APRT Initial Total Table Score	N	3	000-300
177-178	55	APRT Retake Push-Up Raw	N	2	00-99
179-180	56	APRT Retake Sit-Up Raw	N	2	00-99
181-184	57	APRT Retake 2-Mile Run Raw	N	4	
185-187	58	APRT Retake Push-Up Table Score	N	3	000-100
188-190	59	APRT Retake Sit-Up Table Score	N	3	000-100
191-193	60	APRT Retake 2-Mile Run Table Score	N	3	000-100
194-196	61	APRT Retake Total Table Score	N	3	000-300
197	62	APRT Waiver	A	1	M,Y,B
198	63	APRT Qualification	A	1	G,N,B
199	64	APRT Recondo	A	1	G,N,B
200-202	65	APRT Average	N	3	
203	66	Job Performance-Record-Plt Officer	N	1	0-5
204	67	Job Performance-Practice-Plt Officer	N	1	0-5
205	68	Job Performance-Record-Plt NCO	N	1	0-5
206	69	Job Performance-Practice-Plt NCO	N	1	0-5
207-208	70	Job Performance-Platoon Size	N	2	00-60
209-210	71	TAX Rater	A/N	2	
211-219	72	TAX Raw Points	N	9	Ea Pos - 0-5
220	73	TAX Go/No Go	A	1	G,N,B
221-223	74	TAX Total Raw	N	3	000-~~063~~ 045
224	75	Overall TAX Rating	N	1	0-5
225-226		Filler		2	
227	76	TAX Waiver	A	1	M,Y,B
228-279	77	Local Data	A/N	52	
280-281	78	Cadet Roster Number	A/N	2	All numerics or all spaces
282-301	79	Peer Rating (Practice) Most Votes	A/N	20	All spaces or 10 2-Pos Flds=01-60
302-321	80	Peer Rating (Practice) Least Votes	A/N	20	All spaces or 10 2-Pos Flds=01-60

DA FORM 4738-R, APR 83 REPLACES DA FORM 4738, NOV 78, WHICH IS OBSOLETE.

RECORD SPECIFICATION For use of this form, see TB 18-111, the proponent agency is DCSOPS	1. DATE 841130
2. .	3. TITLE A07TDU CADET MASTER RECORD
4. DESCRIPTION	5. LENGTH 400 6. SECLAS/PRIV U/Y

7. POSITION	8. FIELD	9. FIELD TITLES	10. CLASS	11. LENGTH	12. REMARKS
322-324	81	Peer Rating (Practice) Raw Score	N	3	
325-327	82	Peer Rating (Practice) ASC	N	3	
328-347	83	Peer Rating (Record) Most Votes	A/N	20	All spaces or 10 2-Pos Flds=01-60
348-367	84	Peer Rating (Record) Least Votes	A/N	20	All spaces or 10 2-Pos Flds=01-60
368-370	85	Peer Rating (Record) Raw Score	N	3	2-159
371-373	86	Peer Rating (Record) ASC	N	3	
374-377	87	Recondo Events	A	4	Ea Pos = N,G,B
(374)		Rappel			
(375)		Rope Drop			
(376)		Slide for Life			
(377)		Cat Walk			
378	88	Recondo Qualification	A	1	G or N
379	89	Camp Recondo Qualification	A	1	G or N
380	90	Camp Code	N	1	1,3,4
381-396	91	Job Performance Dimensions	A/N	~~15~~ 16	Optional Field
396-400		Filler		~~5~~ 4	

Sample Page of Element Description for ROTC Advanced Camp File

ADSM 18-PIC-TDU-IBM(UM)

ELEMENT DESCRIPTION

POSITION	FIELD TITLE	DESCRIPTION
1-4	Unit	1=Cycle 1 thru 0 (No more than 90 units per cycle) 2=Battalion 1 thru 9 3=Company A thru Z (Not to exceed 330 cadets) 4=Platoon 1 thru 9 (Not to exceed 60)
5-13	Social Security Number (SSN)	9 Character numeric - An invalid SSN can only be corrected by removing the SSN from the file using an S* Drop Status Transaction (TDUJR2) and then re-inputting the cadet into the system (TDUJR2).
14-40	Name	27 Character alpha. A blank is between the last name, first name and middle initial.
41-46	Institution Code (Host)	6 Character numeric. Must match the Institution File S01TDU6M.
47-73	Institution Name	27 Character alpha.
74	ROTC University Region	1 Character numeric. Identifies the Region HQ's the University belongs to. 1 = Ft Bragg 2 = Ft Knox 3 = Ft Riley 4 = Ft Lewis
75	University Region Area Code	1 Character numeric. 1 thru 9. Identifies the area the University belongs to. Extracted from the Directory File when the School File is being created by TRADOC.
76	School Code Category (Cross-Enrolled)	1 Character alphabetic. C = Cross-Enrolled X = Extension Center Ø = Neither
77-82	School Code (Cross-Enrolled/ Extension)	6 Character. If 76 is a C or X, the institution code is required.
83	Sex	1 Character, alphabetic. F = Female M = Male

APPENDIX B

SOURCE DOCUMENTATION FOR COMMISSION FILES

TAPE LAYOUT

For use of this form, see AR 18-7; the proponent agency is Office of the Comptroller of the Army.

REMARKS

ROTC CADET MASTER FILE (BA7CDJ6M)

Commissions / Attritions / Enrollments — FY: 82; SY 81-82

NO., LENGTH, BLOCK

253/3333

Field	SSN (MAST KEY)	SCHOOL CODE	NAME – LAST	NAME – FIRST	MI
Position	POS-1A	POS-1B	1C-LAST	1C-FIRST	
Columns	2–10	11–16	18–32	33–42	43

Field	SCHOLARSHIP (TYPE, NUMB YR, OF ST, FIN AID)	CROSS ENROLL / EXT. (CODE, SCHOOL CODE)	PRIOR MIL (MONTHS)	DISENROLLMENT (REASON, MS, DATE YR, MO)	INIT ENTRY (MS, YR)	LEAVE OF ABSENCE BEGIN (YR, MO)	LEAVE OF ABSENCE END (YR, MO)	DATE OF BIRTH (YR, MO, DAY)
Position	POS-1D	POS-1G (1G-SCH)	POS-1J	POS-1P	POS-1M	POS-1Q		POS-1R

Field	SCLR PROBATION DATE (BEG YR, MO; END YR, MO)	SCLR AWARD CAT	COND'T DATE (YR, MO)	STATE CODE	TEACH TRNG	ABY TAB	FILLER	SMP	GRAD DATE (YR, MO)	ACADEMIC MAJOR	CUM AVERAGES (ACAD, ROTC)	GRFD CONTROL NO.
Columns	101–110		111–114						133–136	137	141–144	145–150

Field	GST SCORE	NAC DATA DATE (YR, MO, DA)	ACT (ENG, MATH, TOTAL)	SAT (VERBAL, MATH)	CEB SCORE	DMS	DMG	COMMISSION DATE (YR, MO)	BRANCH	SMP UIC #
Position	POS-2AM	POS-2AB	POS-2AL	POS-2AK	POS-2AJ				POS-2AA	POS-2AN
Columns	151–155	156–167	168–173	174–178	179–182	185	186		192	195–200

Field	FILLER	HOURS ENROLLED (MS1, MS2, MS3, MS4)	CUMULATIVE AVERAGES MS1 (ACAD, ROTC)	MS2 (ACAD, ROTC)	MS3 (ACAD, ROTC)	MS4 (ACAD, ROTC)	TRF	STATUS CHANGE	CHANGE (CHG, YR, MO, DAY, TIME, INIT)
Position		POS-2BB	POS-2AZ						
Columns	201	203–211	212–	217–	222–	226–	235	237	238–250

DA FORM 1 AUG 66 3166

SFC STAFFER

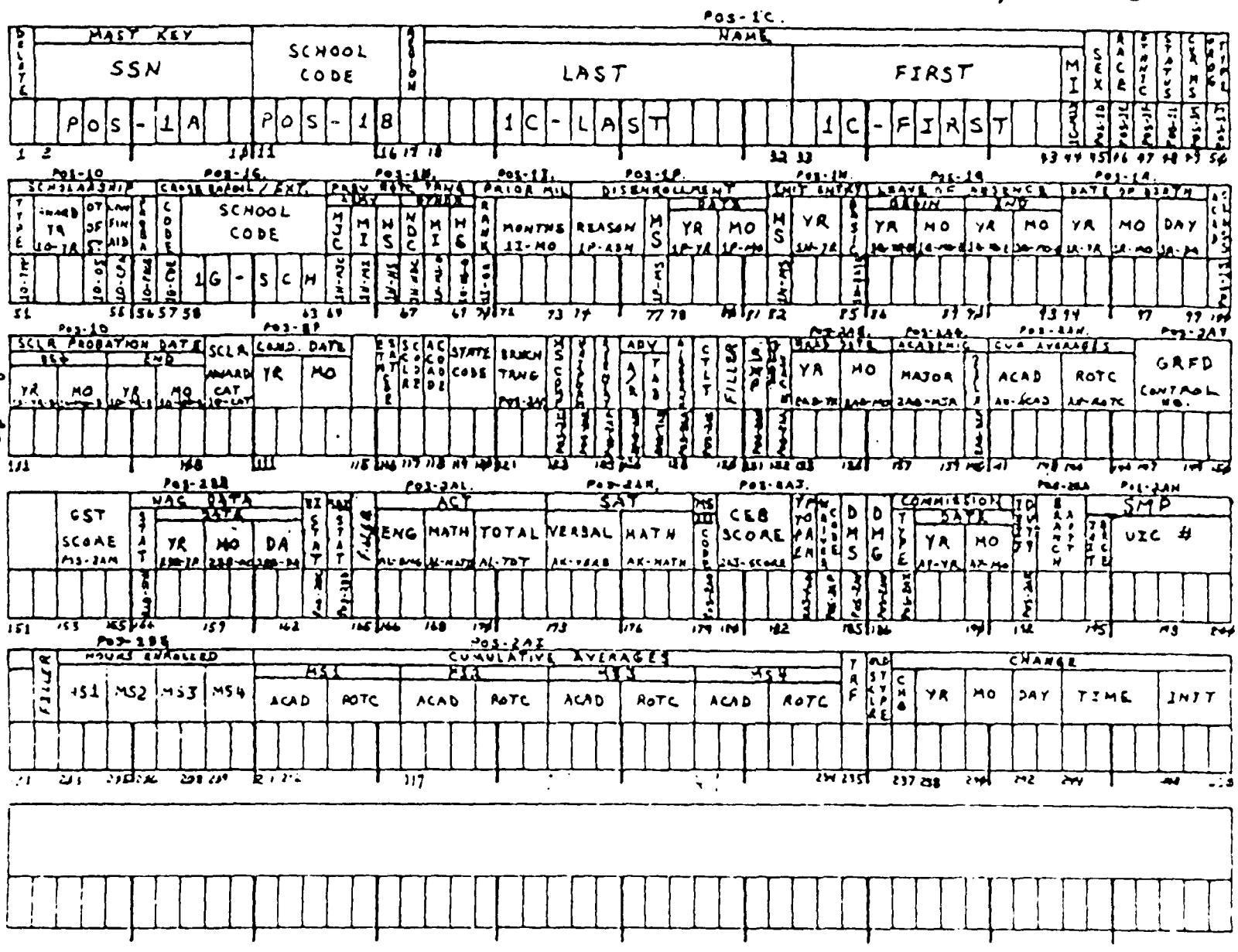
DATE: 12 JUL 1982

REMARKS: ROTC CADET MASTER FILE (BA7CDJ6M)

COMMISSIONS / ATTRITIONS: FY83

ENROLLMENT SY 82-83

255/3880



Tape Layout for Commission File for 1983

DA FORM AUG 66 3166

* U.S. GOVERNMENT PRINTING OFFICE 1969

Tape Layout for Commission File for 1984

TAPE LAYOUT

For use of this form, see AR 18-7; the proponent agency is Office of the Comptroller of the Army.

TAPE NO.	PREPARED BY	DATE	NO.
	SFC STOUFFER	8 JUL 1983	
REMARKS: ROTC CADET MASTER FILE (BA7CDJ6M)		Commission FY 84	NO. OF PAGES

O.. LENGTH, BLOCK

253/3000

Enrollment SY 83-84

Positions	Field
1	DELETE
2–13	MAST KEY – SSN (POS-1A)
13–16	SCHOOL CODE (POS-1B)
17	
18–32	NAME – LAST (1C-LAST)
33–43	NAME – FIRST (1C-FIRST)
44	MI
45	SEX
46	RACE
47	ETHNIC
48	STATUS
49–50	
51–58	SCHOLARSHIP: TYPE, AWARD YR, OF ST, FIN AID
58–63	CROSS ENROLL / EXT.: CODE, SCHOOL CODE (1G-SCH)
64–72	PRIOR SERVICE: MIL, MI, HS, VOC, MI, HS, RANK
73–76	PRIOR MIL: MONTHS
77–81	DISENROLLMENT: REASON, MS, DATE YR, MO
82–85	INIT ENTRY: MS, YR
86–93	LEAVE OF ABSENCE: BEGIN YR, MO; END YR, MO
94–99	DATE OF BIRTH: YR, MO, DAY
100	
101–108	SCLR PROBATION DATE: BEG YR, MO; END YR, MO
109–110	SCLR AWARD CAT
111–114	CAND. DATE: YR, MO
115–140	FILLER, STATE CODE, AUTH BRANCH, FILLER, ADV, FILLER
131–136	ROTC DATE: YR, MO
137–140	ACADEMIC MAJOR
141–145	CUM. AVG: ACAD, ROTC
146–150	GRFD CONTROL NO.
151–152	FILLER
153–155	GST SCORE
156–162	NAC DATA: STAT, DATE YR, MO, DA
163–167	STAT, STAT, SRF
166–171	LANGUAGE: LEVEL, IDENT
172–176	ACT TOTAL (AL-TOT)
173–176	SAT TOTAL (AK-TOT)
176–178	FILLER
179–182	CEB SCORE
183–186	DMS, DMG
186–191	COMMISSION: TYPE, DATE YR, MO
192–195	BASIC BRCH
196–200	SMP UIC #
201–208	HOURS ENROLLED: MS1, MS2, MS3, MS4
209–224	CUMULATIVE AVERAGES: ACAD, ROTC (MS1, MS2, MS3, MS4)
226–230	ZIP CODE – HIGH SCHOOL (POS-28H)
231–235	ZIP CODE – HOME RECORD (POS-28I)
236	OLD STATUS
237–253	CHANGE: CHG, YR, MO, DAY, TIME, INIT

A FORM 3166

Tape Layout for Commission File for 1985

TAPE LAYOUT

For use of this form, see AR 18-7; the proponent agency is Office of the Comptroller of the Army.

TAPE NO.	PREPARED BY	DATE	PAGE NO.
	B.L. PLEASANTS	13 JULY 1984	
REMARKS	ROTC CADET MASTER FILE (RA7CDT6M) 84-85		NO. OF PAGES

NO., LENGTH, BLOCK

DELETE	MAST KEY SSN	SCHOOL CODE	REGN	NAME	SEX	RACE	ETHNIC	STATUS	CURRAS	[illegible]

SCHOLARSHIP TYPE	AWARD YR	YR OF ST	[illegible]	PROB	CROSS ENROLL/EXT CODE	SCHOOL CODE	JROTC ARMY MIL	MI	HS	ND	OTHER MI	HS	PRI MILITARY RANK	MONTHS	DISENROLLMENT REASON	MS	DATE YR	MO	INIT ENTRY MS	YR	BASIS	LEAVE OF ABSENCE BEGINS YR	MO	END YR	MO	DATE OF BIRTH YR	MO	DAY	ACAD CHGS

SCLR PROGRAM DATE BEG YR	MO	END YR	MO	SCLR AWARD CAT INITIAL	COND DATE YR	MO	FILLER	ETH	SCLR	ACAD	[illegible]	STATE CODE	AUTH BRANCH	MS	FILLER	REENLIST	CAMP ADV	TAB	TNG	CTLT	FILLER	SMP	GPR	GRAD DATE YR	MO	ACADEMIC MAJOR	CHG	CUR AVG ACAD	ROTC	GRFD CONTROL NO

DISS CODE	GST SCORE	NAC DATA STAT	DATE YR	MO	DA	BI STAT	BI GP	TRF	LANGUAGE LEVEL	IDENT	CR	ACT TOTAL	SAT TOTAL	FILLER	CEB SCORE	FORM	WAIVER CODE	DMS	DMG	COMMISSION TYPE	DATE YR	MO	INIT	DUTY	BASIC	BRCH	SMP INIT	UIC #

HOURS ENROLLED MS1	MS2	MS3	MS4	CUMULATIVE AVERAGES MS1 ACAD	ROTC	MS2 ACAD	ROTC	MS3 ACAD	ROTC	MS4 ACAD	ROTC	ZIP CODE HIGH SCHOOL	ZIP CODE HOME RECORD	OLD STATUS	CHANGE CHG	YR	MO	DAY	CONTRACT DATE YY	MM	INIT

Column 63

J. ROTC PROGRAM TYPE
ROTC-Prog-Type

Enter one of the following codes:
2 - 2 year program (Basic Camp cadets only)
4 - 4 year program (includes all but Basic Camp cadets)

MJC cadets who take MS I and MS II will enter a 4, even if the cadet previously attended Basic Camp.

Column 64

L. CADET CURRENT STATUS
Cdt-Curr-Sta

Enter the appropriate code.
E - Enrolled
L - Leave of absence
Complete columns 94-101 (Leave of absence data)
C - Completed ROTC training (including Advanced Camp) but has not completed academic requirements. Column 65 (Military Science Class Enrolled) must be coded "C".
D - Disenrolled
Complete columns 86-93 (DISENROLLMENT/SCHOLARSHIP LOSS).
I - Immigrant Alien
R - Refugee

Column 65

M. MILITARY SCIENCE CLASS ENROLLED
MS-Cl-Enrld

Enter the appropriate code.
1 - MS I
2 - MS II
3 - MS III
4 - MS IV
C - Completed ROTC Training (including Advanced Camp) but has not been commissioned.

If cadet is on leave of absence at the beginning of a school year, enter the last class that was successfully completed.

APPENDIX C

OFFICER LONGITUDINAL RESEARCH DATA BASE CORE DATA SET
BRIEF DESCRIPTION

OLRDB CORE DATA SET BRIEF DESCRIPTION

FIELD #	LENGTH	FIELD DESCRIPTION
1	9	MATCHCOD, Match code, a unique identifier. This is the encrypted SSN.
2	6	DOB, Date of Birth, YYMMDD
3	2	DOBMM, Month of Date of Birth, MM
4	2	DOBYY, Year of Date of Birth, YY
5	1	SEX, Sex code.
6	3	TGRA, Temporary Grade
7	6	TDOR, Temporary Date of Rank, YYMMDD
8	2	TDORMM, Month of Temporary Date of Rank, MM
9	2	TDORYY, Year of Temporary Date of Rank, YY
10	6	BPED, Pay Entry Basic Date, YYMMDD
11	2	BPEDMM, Month of Pay Entry Basic Date, MM
12	2	BPEDYY, Year of Pay Entry Basic Date, YY
13	6	EADC, Date of Entry on Active Duty in Current Tour, YYMMDD
14	2	EADCMM, Month of Entry on Active Duty in Current Tour, MM
15	2	EADCYY, Year of Entry on Active Duty in Current Tour, YY
16	6	DTRA, Basic Date of RA/USAR/NGUS Appointment, YYMMDD
17	2	DTRAMM, Month of Basic Date of RA/USAR/NGUS Appointment, MM
18	2	DTRAYY, Year of Basic Date of RA/USAR/NGUS Appointment, YY
19	1	SOC, Source of Commission
20	6	SEPDT, Separation Date, YYMMDD
21	2	SEPDTMM, Month of Separation Date, MM

22	2	SEPDTYY, Year of Separation Date, YY
23	3	SPD, Separation Program Designation
24	2	BABR, Basic Branch
25	2	BRCD, Branch Code (was Initial Specialty)
26	2	FACD, Functional Area Code (was Additional Specialty)
27	1	REDCAT, Racial/Ethnic Descent Category
28	1	ETHGP, Ethnic Group Designation
29	2	BYRGP, Basic Year Group
30	6	PHDT1, Date Promoted to 2LT, YYMMDD
31	2	PHDT1MM, Month of Date Promoted to 2LT, MM
32	2	PHDT1YY, Year of Date Promoted to 2LT, YY
33	6	PHDT2, Date Promoted to 1LT, YYMMDD
34	2	PHDT2MM, Month of Date Promoted to 1LT, MM
35	2	PHDT2YY, Year of Date Promoted to 1LT, YY
36	6	PHDT3, Date Promoted to CPT, YYMMDD
37	2	PHDT3MM, Month of Date Promoted to CPT, MM
38	2	PHDT3YY, Year of Date Promoted to CPT, YY
39	6	PHDT4, Date Promoted to MAJ, YYMMDD
40	2	PHDT4MM, Month of Date Promoted to MAJ, MM
41	2	PHDT4YY, Year of Date Promoted to MAJ, YY
42	6	PHDT5, Date Promoted to LTC, YYMMDD
43	2	PHDT5MM, Month of Date Promoted to LTC, MM
44	2	PHDT5YY, Year of Date Promoted to LTC, YY
45	6	PHDT6, Date Promoted to COL, YYMMDD
46	2	PHDT6MM, Month of Date Promoted to COL, MM
47	2	PHDT6YY, Year of Date Promoted to COL, YY

48	6	PHDT7, Date Promoted to B G, YYMMDD
49	2	PHDT7MM, Month of Date Promoted to B G, MM
50	2	PHDT7YY, Year of Date Promoted to B G, YY
51	6	PHDT8, Date Promoted to M G, YYMMDD
52	2	PHDT8MM, Month of Date Promoted to M G, MM
53	2	PHDT8YY, Year of Date Promoted to M G, YY
54	6	PHDT9, Date Promoted to LTG, YYMMDD
55	2	PHDT9MM, Month of Date Promoted to LTG, MM
56	2	PHDT9YY, Year of Date Promoted to LTG, YY
57	6	PHDT10, Date Promoted to GEN, YYMMDD
58	2	PHDT10MM, Month of Date Promoted to GEN, MM
59	2	PHDT10YY, Year of Date Promoted to GEN, YY
60	1	CELC, Civilian Education Level
61	1	MEL, Military Education Level
62	3	RCEAS1, Academic Specialty Code - Level 1
63	3	RCEAS2, Academic Specialty Code - Level 2
64	3	RCEAS3, Academic Specialty Code - Level 3
65	1	MARST, Marital Status
66	2	DEPS, Number of Dependents (Numeric but blanks for unknown.)
67	2	NODA, Number of Adult Dependents (Numeric but blanks for unknown.)
68	1	COMPT, Component
69	1	CURSA, Current Service Agreement
70	2	COBO, Place of Birth
71	1	ORAPT, Type of Original Appointment

Additional and Derived Fields

72	1	OMFLAG79, Record Present on 1979 OMF (Y or N)

73	1	OMFLAG80, Record Present on 1980 OMF (Y or N)
74	1	OMFLAG81, Record Present on 1981 OMF (Y or N)
75	1	OMFLAG82, Record Present on 1982 OMF (Y or N)
76	1	OMFLAG83, Record Present on 1983 OMF (Y or N)
77	1	OMFLAG84, Record Present on 1984 OMF (Y or N)
78	1	OMFLAG85, Record Present on 1985 OMF (Y or N)
79	1	OMFLAG86, Record Present on 1986 OMF (Y or N)
80	1	OMFLAG87, Record Present on 1987 OMF (Y or N)
81	1	OMFLAG88, Record Present on 1988 OMF (Y or N)
82	1	OMFLAG89, Record Present on 1989 OMF (Y or N)
83	11	FLAGALL, Flags for All Years, Combination of OMFLAG79 through OMFLAG89
84	1	DUTYFL70, Active Duty Derived for 1970 (Y,N)
85	1	DUTYFL71, Active Duty Derived for 1971 (Y,N)
86	1	DUTYFL72, Active Duty Derived for 1972 (Y,N)
87	1	DUTYFL73, Active Duty Derived for 1973 (Y,N)
88	1	DUTYFL74, Active Duty Derived for 1974 (Y,N)
89	1	DUTYFL75, Active Duty Derived for 1975 (Y,N)
90	1	DUTYFL76, Active Duty Derived for 1976 (Y,N)
91	1	DUTYFL77, Active Duty Derived for 1977 (Y,N)
92	1	DUTYFL78, Active Duty Derived for 1978 (Y,N)
93	1	DUTYFL79, Active Duty Derived for 1979 (Y,N)
94	1	DUTYFL80, Active Duty Derived for 1980 (Y,N)
95	1	DUTYFL81, Active Duty Derived for 1981 (Y,N)
96	1	DUTYFL82, Active Duty Derived for 1982 (Y,N)
97	1	DUTYFL83, Active Duty Derived for 1983 (Y,N)
98	1	DUTYFL84, Active Duty Derived for 1984 (Y,N)

99	1	DUTYFL85, Active Duty Derived for 1985 (Y,N)
100	1	DUTYFL86, Active Duty Derived for 1986 (Y,N)
101	1	DUTYFL87, Active Duty Derived for 1987 (Y,N)
102	1	DUTYFL88, Active Duty Derived for 1988 (Y,N)
103	1	DUTYFL89, Active Duty Derived for 1989 (Y,N)
104	1	RETN7980, Retention for 1979-80 (Y,N,Missing)
105	1	RETN8081, Retention for 1980-81 (Y,N,Missing)
106	1	RETN8182, Retention for 1981-82 (Y,N,Missing)
107	1	RETN8283, Retention for 1982-83 (Y,N,Missing)
108	1	RETN8384, Retention for 1983-84 (Y,N,Missing)
109	1	RETN8485, Retention for 1984-85 (Y,N,Missing)
110	1	RETN8586, Retention for 1985-86 (Y,N,Missing)
111	1	RETN8687, Retention for 1986-87 (Y,N,Missing)
112	1	RETN8788, Retention for 1987-88 (Y,N,Missing)
113	1	RETN8889, Retention for 1988-89 (Y,N,Missing)

APPENDIX D

CONVERSION SPECIFICATIONS FOR ROTC DATA

CONVERSION SPECIFICATIONS FOR ROTC ADVANCED CAMP DATA

The following criteria ensure that all values on the ROTC Advanced Camp data set are consistent and conform to 1985 coding specifications.

Data Variable	Conversion Specifications
CYEAR	Create for each record from fiscal year of the input file
CMSCLASS	Change 'C' to blank
CWAIVER	Change values less than 'A' to blank
CSMP	Change 'N' to 'G' Change 'R' to 'V'
C25MSWIM	Change 'Y' to "G"
CTLT	Change 'Y' to 'S'
CTOBECOM	Change 'Y' to "C"
CSPECMED	Change 'A' to 'R'
CRMQ	Change 'F' to 'N'
CRMQLEVL	Change 'F' to 'N'
CLNWAIV	Change 'W' to 'Y'
CPTWAIVR	Change 'W' to 'Y'
CTAXWA	Change 'W' to 'Y'
CJPDJUDG	Change '&' to blank
CJPDDEC	Change '&" to blank
CJPDINIT	Change '&' to blank
CDELETE	Drop from file
CNAME	Drop from file
Fillers	Drop from file

The following conversion is performed on dates for 1982 and 1983. During those years, the rating scale for the affected data elements was 1 through 7. In 1984 and 1985 the rating scale was 1 through 5. Basically, the two extremes of the 1-7 scale are collapsed. The next six conversion specifications apply to the first nine data elements at the left.

Data Variable	Conversion Specifications
CTRPSUPV	Change '2' to '1'
CTRPTEAM	Change '3' to '2'
CTRPCOMM	Change '4' to '3'
CTRPDEC	Change '5' to '4'
CTRPTECH	Change '6' to '5'
CTRPATTD	Change '7' to '5'
CTRPCONF	
CTRPPLAN	
CTRPMSSN	
CTAXTR	Recompute by adding together the new values of the data element listed above.

CONVERSION SPECIFICATIONS FOR ROTC COMMISSION DATA SET

The following criteria ensure that all values on the ROTC Commission data set are consistent and conform to 1985 coding specifications.

Data Variable	Conversion Specification
MYRSAWRD	Change '**' to Blanks
MMPCLASS	Change 'W' to Blank
MBLVYY	Change '00' to Blanks
MBLVMM	Change '00' to Blanks
MELVYY	Change '00' to Blanks
MELVMM	Change '00' to Blanks
MREENTRY	Change 'Y' to 'R'
MCTLT	Change 'N' to "G'
	Change 'R' to 'V'
	Change 'Y' to Blank
MSMP	Change 'N' to 'G'
	Change 'R' to 'V'
MGBRST	Change 'N' to Blank
	Change 'Y' to 'G'
MNACSTAT	Change 'Y' to 'C'
	Change 'I' to 'S'
MBISTAT	Change 'I' to 'S'
MSBISTAT	Change 'I' to 'S'
MWAIVER	Change '*' and all values less than 'A' (all unprintable characters) to Blanks
MSSATTOT	Create for 1982 by adding together MSATVERB AND MSATMATH
MHITUITN	Change 'N' to Blank
	Change 'Y' to 'T'
MSCHLAID	Change 'Y' to 'S'
MDMSTUD	Change 'N' to Blank
	Change 'Y' to 'S'
MDMGRAD	Change 'N' to Blank
	Change 'Y' to 'G'
MCSBJSMP	Change 'R' to 'V'

The following criteria are necessary to ensure a consistent 4.0 grading scale for grade point data elements. The entire list of conversion specifications applies to the complete list of data elements on the left.

Data Variable	Conversion Specification
MGPAACUR	Change 'PAS' to 1.5
MGPARCUR	Change 'A' to 4.0
MGPAAMS1	Change 'B' to 3.0
MGPARMS1	Change everything over 4.0 to 4.0
MGPAAMS2	
MGPARMS2	Change scale on all data values to yield a single integer (e.g., 40 is changed to 4.0)
MGPAAMS3	
MGPARMS3	
MGPAAMS4	
MGPARMS4	Note: 1982 data was stored as 3 digits so the scale went from 400 to 4.0

The following criteria properly identify two divergent types of data stored in the same data field.

Data Variable	Conversion Specification
MCHGTIME	If the value is 2400 then: 1. Create MCONTRYY by dividing by 10 and using the integer which results. 2. Create MCONTRMM by multiplying MCONTRYY by 100 and subtracting the result from MCHGTIME. 3. Set MCHGTIME to missing values.
MYEAR	Create this data element for each record based on the input file fiscal year.
MDELETE	Drop from file
MNAME	Drop from file
FILLERS	Drop from file

APPENDIX E

DATA DICTIONARY DESCRIPTIONS

ROTC ADVANCED CAMP DATA ELEMENTS

MATCHCOD MATCH CODE
9 CHARACTER NUMERIC.
UNIQUE NUMBER WHICH IDENTIFIES EACH PERSON IN THE OLRDB.
IT IS ASSIGNED BY THE OLRDB DATA MANAGER.

CUNIT UNIT
4 CHARACTER NUMERIC.
POSITION 1=CYCLE 1 THRU 0 (0 EQUATES TO THE TENTH CYCLE)
POSITION 2=BATTALION 1 THRU 9
POSITION 3=COMPANY A THRU Z (NOT TO EXCEED 330 CADETS)
POSITION 4=PLATOON 1 THRU 9 (NOT TO EXCEED 60)

CINSTH INSTITUTION CODE (HOST)
6 CHARACTER NUMERIC.
THE FEDERAL INTERAGENCY COMMITTEE ON EDUCATION (FICE) CODE
FOR THE INSTITUTION HOSTING ARMY ROTC. THE INSTITUTION CODES CAN
BE FOUND BY USING THE SAS FORMAT $CEIN IN THE SAS FORMAT LIBRARY
MAINTAINED BY THE OLRDB MANAGER

CINSTHNM INSTITUTION NAME
27 CHARACTER ALPHABETIC.
THE NAME OF THE INSTITUTION HOSTING THE ARMY ROTC.

CREGION ROTC INSTITUTION REGION
1 CHARACTER NUMERIC.
IDENTIFIES THE HEADQUARTERS FOR THE REGION IN WHICH THE
INSTITUTION IS LOCATED.
1=FT BRAGG
2=FT KNOX
3=FT RILEY
4=FT LEWIS

CAREA INSTITUTION REGION AREA CODE
1 CHARACTER NUMERIC.
1 THRU 9.
IDENTIFIES THE AREA WITHIN THE ROTC REGIONS IN WHICH THE
INSTITUTION IS LOCATED. IT IS EXTRACTED FROM THE DIRECTORY
FILE WHEN THE SCHOOL FILE IS BEING CREATED BY TRADOC.

CSCHLCAT SCHOOL CODE CATEGORY
1 CHARACTER ALPHABETIC.
CODE WHICH INDICATES IF A CADET IS FROM AN EXTENSION CENTER
OR CROSS-ENROLLED SCHOOL.
C=CROSS-ENROLLED (INCLUDES CROSS-ENROLLED TO AN EXTENSION CENTER)
X=EXTENSION CENTER
BLANK=NEITHER

CINSTX INSTITUTION CODE (CROSS-ENROLLED/EXTENSION)
6 CHARACTER NUMERIC.
IF CROSS-ENROLLED OR EXTENSION CENTER CADET, THE NUMERIC FEDERAL INTERAGENCY COMMITTEE ON EDUCATION (FICE) CODE FOR THE INSTITUTION IN WHICH THE CADET IS ACADEMICALLY ENROLL. THE INSTITUTION CODES AND NAMES CAN BE FOUND BY USING THE SAS FORMAT

$CEIN IN THE SAS FORMAT LIBRARY MAINTAINED BY THE OLRDB DATA MANAGER

CSEX SEX
1 CHARACTER ALPHABETIC.
SEX OF THE CADET.
F=FEMALE
M=MALE

CRACE RACE/POPULATION GROUP
1 CHARACTER ALPHABETIC.
THE RACE/POPULATION GROUP OF THE CADET.
C=WHITE (CAUCASOID)
N=BLACK (NEGROID/AFRICAN)
R=RED (AMERICAN INDIAN)
M=YELLOW (ASIAN/MONGOLOID)
Z=UNKNOWN
X=OTHER

CETHNIC ETHNIC GROUP
1 CHARACTER ALPHA/NUMERIC.
THE ETHNIC GROUP OF THE CADET.
1=OTHER HISPANIC DESCENT
2=US/CANADIAN INDIAN TRIBES
3=OTHER ASIAN DESCENT
4=PUERTO RICAN
5=FILIPINO
6=MEXICAN
7=ESKIMO
8=ALEUT
9=CUBAN
G=CHINESE
J=JAPANESE
K=KOREAN
D=INDIAN
V=VIETNAMESE
S=LATIN AMERICAN WITH HISPANIC DESCENT
E=MELANESIAN
W=MICRONESIAN
L=POLYNESIAN
Q=OTHER PACIFIC ISLAND DESCENT
X=OTHER
Z=UNKNOWN

CDOBYY YEAR OF DATE OF BIRTH
2 CHARACTER NUMERIC.

DATE OF BIRTH YEAR (YY). FROM EXAMINATION OF THE DATA, SOME UNREASONABLE DATE OF BIRTH YEARS ARE PRESENT ON THE FILE.

CDOBMM MONTH OF DATE OF BIRTH
2 CHARACTER NUMERIC.
DATE OF BIRTH MONTH (MM).

CDOBDD DAY OF DATE OF BIRTH
2 CHARACTER NUMERIC.
DATE OF BIRTH DAY (DD).

CRELIGIN RELIGIOUS PREFERENCE
1 CHARACTER ALPHABETIC.
RELIGIOUS PREFERENCE OF THE CADET. IT IS ONLY PRESENT FOR DATA FROM 1982-1984.
P=PROTESTANT
C=CATHOLIC
J=JEWISH
X=OTHER
Z=UNKNOWN

CERLA EARLY RELEASE/LATE ARRIVAL CODE
1 CHARACTER ALPHABETIC.
INDICATES THAT THE CADET WILL BE RELEASED EARLY OR WILL ARRIVE LATE.
E=EARLY
L=LATE
BLANK=NO DATA

CALTDAYY YEAR OF ALTERNATE DATE OF ATTENDANCE AT ADVANCED CAMP
2 CHARACTER NUMERIC.
THE YEAR (YY) OF AN ALTERNATE DATE OF ATTENDANCE AT ADVANCED CAMP IF APPLICABLE.

CALTDAMM MONTH OF ALTERNATE DATE OF ATTENDANCE AT ADVANCED CAMP
2 CHARACTER NUMERIC.
THE MONTH (MM) OF AN ALTERNATE DATE OF ATTENDANCE AT ADVANCED CAMP IF APPLICABLE.

CALTDADD DAY OF ALTERNATE DATE OF ATTENDANCE AT ADVANCED CAMP
2 CHARACTER NUMERIC.
THE DAY (DD) OF AN ALTERNATE DATE OF ATTENDANCE AT ADVANCED CAMP IF APPLICABLE.

CMPCLASS MILITARY PERSONNEL CLASS (PRIOR SERVICE)
1 CHARACTER ALPHABETIC.
THE MILITARY PERSONNEL CLASS OF THE CADET PRIOR TO ADVANCED CAMP IF APPLICABLE.
E=ENLISTED
W=WARRANT OFFICER
C=MILITARY SERVICE ACADEMY
BLANK=NO DATA

CPGMTYPE ROTC PROGRAM TYPE
1 CHARACTER NUMERIC.
IDENTIFIES THE TYPE OF ROTC PROGRAM IN WHICH THE CADET IS ENROLLED.
2=2 YEAR PROGRAM (BASIC CAMP CADETS ONLY)
4=4 YEAR PROGRAM (INCLUDES ALL BUT BASIC CAMP CADETS)
MILITARY JUNIOR COLLEGE CADETS WHO TAKE MS I AND MS II
WILL ENTER A 4, EVEN IF THE CADET PREVIOUSLY ATTENDED
BASIC CAMP.

CMSCLASS MILITARY SCIENCE CLASS
1 CHARACTER NUMERIC.
MILITARY SCIENCE CLASS ENROLLED. MS 3 OR MS 4 ONLY.
3=MS III
4=MS IV

CSCHOLAR SCHOLARSHIP TYPE
1 CHARACTER NUMERIC.
TYPE OF SCHOLARSHIP CADET IS RECEIVING.
0=NO SCHOLARSHIP
1=1 YEAR SCHOLARSHIP (ONLY PRESENT ON DATA FROM 1982-1983)
2=2 YEAR SCHOLARSHIP
3=3 YEAR SCHOLARSHIP
4=4 YEAR SCHOLARSHIP

CACADCLS ACADEMIC CLASS
1 CHARACTER ALPHA/NUMERIC.
THE CLASS IN WHICH THE CADET IS ACADEMICALLY ENROLLED.
1=FRESHMAN
2=SOPHOMORE
3=JUNIOR
4=SENIOR
5=SENIOR IN 5 YEAR CURRICULUM PROGRAM (OR CO-OP)
G=GRADUATE STUDENT

CACADMAJ ACADEMIC MAJOR (COLLEGE EDUCATION)
3 CHARACTERS ALPHABETIC.
A 3 POSITION ALPHABETIC CODE WHICH BEST DESCRIBES THE CADET'S
ACADEMIC MAJOR. IF CADET HAS NO MAJOR, THE CODE IS 'RAX'.
THE ACADEMIC MAJOR CODES CAN BE FOUND BY USING THE SAS FORMAT
$CEAS IN THE SAS FORMAT LIBRARY MAINTAINED BY THE OLRDB DATA
MANAGER

CCOMPRES COMPRESSION
1 CHARACTER NUMERIC
COMPRESSION CODE WHICH DESCRIBES THE LEVEL AT WHICH THE
CADET IS COMPRESSING MILITARY SCIENCE CLASSES.
1=COMPRESSION OF MS I AND MS II
2=COMPRESSION OF MS II AND MS III
4=COMPRESSION OF MS III AND MS IV
6=CONVERSION OF 0'S FOUND IN DATA FROM 1982-1984
BLANK - NO COMPRESSION

CWAIVER WAIVER GRANTED
1 CHARACTER ALPHA/NUMERIC
A CODE WHICH IDENTIFIES THE WAIVER GRANTED THE CADET.
A=AGE
B=AGE & CIVIL CONVICTION
C=CIVIL CONVICTION
D=CIVIL CONVICTION & MEDICAL
E=AGE & RE CODE
F=MEDICAL & MS III SCREENING SCORE
G=AGE & DEPENDENCY
H=AGE & MEDICAL
J=RE CODE & DEPENDENCY
K=MS III SCREENING SCORE & DEPENDENCY
L=MEDICAL & RE CODE
M=MEDICAL
N=MEDICAL & DEPENDENCY
P=DEPENDENCY
R=REENLISTMENT CODE
S=MS III SCREENING SCORE
T=AGE & MS III SCREENING SCORE
U=CIVIL CONVICTION & DEPENDENCY
V=CIVIL CONVICTION AND RE CODE
W=CIVIL CONVICTION AND MS III SCREENING SCORE
X=MS III SCREENING & RE CODE
BLANK=NO DATA
1=(NO DOCUMENTATION FOR THIS VALUE)
2=(NO DOCUMENTATION FOR THIS VALUE)
3=MORE THAN TWO WAIVERS REQUIRED
4=OTHER
6=(NO DOCUMENTATION FOR THIS VALUE)
7=(NO DOCUMENTATION FOR THIS VALUE)

CGRFD GUARANTEED RESERVE FORCES (GRFD)
1 CHARACTER ALPHABETIC.
THE THIRD POSITION OF THE GRFD ON THE ROTC MANAGEMENT INFORMATION SYSTEM.
A-Z, 0-9 OR BLANK
W=THE CADET SIGNED FOR GRFD AND LATER WITHDREW
BLANK=THE CADET NEVER HAD A GUARANTEED RESERVE FORCES DUTY CONTRACT
(NO DOCUMENTATION ON THE MEANING OF THE OTHER VALUES)

CSMP SIMULTANEOUS MEMBERSHIP PROGRAM (SMP)
1 CHARACTER ALPHABETIC.
CODE DESCRIBING PARTICIPATION IN THE SIMULTANEOUS MEMBERSHIP PROGRAM.
V=RESERVE
G=NATIONAL GUARD
W=WAS ENROLLED AND THEN WITHDREW
BLANK=NO DATA

C25MSWIM 25-METER SWIM
1 CHARACTER ALPHABETIC. THIS IS AN OPTIONAL FIELD
G=GO
N=NO-GO
BLANK=NO DATA

CCTLT CTLT
1 CHARACTER ALPHABETIC. THIS IS AN OPTIONAL FIELD
CODE WHICH INDICATES PARTICIPATION IN CADET TROOP LEADERSHIP TRAINING.
S=SELECTED
N=NOT SELECTED
BLANK=NO DATA

CTOBECOM TO BE COMMISSIONED AT CAMP
1 CHARACTER.
INDICATES WHETHER OR NOT THE CADET IS TO BE COMMISSIONED AT CAMP.
C=YES(COMMISSIONED)
N=NO (NON-COMMISSIONED)

CCADSTAT CADET STATUS
1 CHARACTER ALPHA/NUMERIC.
CODE WHICH INDICATES THE CADET'S STATUS AT ADVANCED CAMP.
1=INPROCESSING MEDICAL LOSS
2=INPROCESSING VOLUNTARY WITHDRAWAL
3=MEDICAL TERMINATION
4=VOLUNTARY WITHDRAWAL
5=EMERGENCY WITHDRAWAL
6=BOARD ACTION
7=OTHER (NO SHOWS)
8=ERROR (NO COUNTS OR PRINTS ON THESE)
A=PASSED CAMP
B=PASSED W/NON-MEDICAL WAIVER
C=PASSED W/MEDICAL WAIVER
D=FAILED CAMP RETURN AUTHORIZED
E=FAILED CAMP (NO RETURN AUTHORIZED)
BLANK=NO DATA

CDROPDYY DROP STATUS DATE YEAR
2 CHARACTERS ALPHA/NUMERIC.
IF THE CADET STATUS FIELD (CCADSTAT) CONTAINS 1, 2, 3, 4, 5, 6, OR 7 INDICATING TERMINATION OF CAMP ENROLLMENT, THERE WILL BE A YEAR (YY) IN `CDROPDYY'. OTHERWISE THESE POSITIONS ARE BLANK.

CDROPDMM DROP STATUS DATE MONTH
2 CHARACTERS ALPHA/NUMERIC.
IF THE CADET STATUS FIELD (CCADSTAT) CONTAINS 1, 2, 3, 4, 5, 6, OR 7 INDICATING TERMINATION OF CAMP ENROLLMENT, THERE WILL BE A MONTH (MM) IN 'CDROPDMM'. OTHERWISE THESE POSITIONS ARE BLANK.

CDROPDDD DROP STATUS DATE DAY
2 CHARACTERS ALPHA/NUMERIC.
IF THE CADET STATUS FIELD (CCADSTAT) CONTAINS 1, 2, 3, 4, 5, 6, OR 7 INDICATING TERMINATION OF CAMP ENROLLMENT, THERE WILL BE A DAY (DD) IN 'CDROPDDD'. OTHERWISE THESE POSITIONS ARE BLANK.

CCYCLE ADVANCED CAMP CYCLE DESIRED
1 CHARACTER NUMERIC.
1, 2, 3, 4, 5, 6, 7, 8, 9, 0
(0 EQUATES TO THE 10TH CYCLE)

CSPECMED SPECIAL MEDICAL
1 CHARACTER ALPHABETIC. THIS FIELD IS OPTIONAL
R=RANGER (AIRBORNE AND AIR ASSAULT)
F=FLIGHT
X=OTHER
BLANK=NO DATA

CRMIF RIFLE MARKSMANSHIP INITIAL FIRE
2 CHARACTERS NUMERIC.
CAN CONTAIN A SCORE RANGING FROM 00-40 (THE NUMBER OF HITS)

CRMRF RIFLE MARKSMANSHIP REFIRE
2 CHARACTERS NUMERIC.
CAN CONTAIN A SCORE RANGING FROM 00-40 (THE NUMBER OF HITS)

CRMQ RIFLE MARKSMANSHIP QUALIFICATION
1 CHARACTER ALPHABETIC.
Q=QUALIFIED
N=NOT QUALIFIED
BLANK=TEST NOT TAKEN

CRMQLEVL RIFLE MARKSMANSHIP QUALIFICATION LEVEL
1 CHARACTER ALPHABETIC.
E=EXPERT
S=SHARPSHOOTER
M=MARKSMAN
N=NOT QUALIFIED
BLANK=TEST NOT TAKEN

CLNIN LAND NAVIGATION, INITIAL, NIGHT
2 CHARACTERS NUMERIC.
CONTAINS A SCORE OF 00-10. (10% OF THE PRACTICAL PART OF THE OVERALL SCORE).

CLNID LAND NAVIGATION, INITIAL, DAY
2 CHARACTERS NUMERIC.
CONTAINS A SCORE OF 00-60. (60% OF THE PRACTICAL PART OF THE OVERALL SCORE).

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CLNIW      LAND NAVIGATION, INITIAL, WRITTEN
           2 CHARACTERS NUMERIC.
           CONTAINS A SCORE OF 00-30.  (30% OF THE OVERALL RAW SCORE).

CLNTOTIR   LAND NAVIGATION - TOTAL INITIAL RAW SCORE
           3 CHARACTERS NUMERIC.
           CONTAINS A SCORE OF 000-100.  (AN ACCUMULATION OF
             INITIAL NIGHT        00-10
             INITIAL DAY          00-60
             INITIAL WRITTEN      00-30
           INITIAL RAW SCORE     000-100)

CLNRD      LAND NAVIGATION - RETAKE, DAY
           2 CHARACTERS NUMERIC.
           CONTAINS A SCORE OF 00-60.  (60% OF THE PRACTICAL PART OF THE
           OVERALL SCORE)

CLNRW      LAND NAVIGATION, RETAKE, WRITTEN
           2 CHARACTERS NUMERIC.
           CONTAINS A SCORE OF 00-30.  (30% OF THE PRACTICAL PART OF THE
           OVERALL SCORE)

CLNTOTRR   LAND NAVIGATION - TOTAL RETAKE RAW SCORE
           3 CHARACTERS NUMERIC.
           CONTAINS A SCORE OF 000-100. ( AN ACCUMULATION OF
             RETAKE DAY           00-60
             RETAKE WRITTEN       00-30
             INITIAL NIGHT        01-10
           TOTAL RETAKE RAW      001-100)

CLNWAIV    LAND NAVIGATION WAIVERS
           1 CHARACTER ALPHABETIC.
           M=MEDICAL WAIVER
           Y=NON-MEDICAL WAIVER
           BLANK=NO DATA

CLNQ       LAND NAVIGATION QUALIFICATION
           1 CHARACTER ALPHABETIC.
           G=GO (PASSED)
           N=NO-GO (FAILED)

CLNRECON   LAND NAVIGATION RECONDO
           1 CHARACTER ALPHABETIC.
           G=GO (PASSED)
           N=NO-GO (FAILED)

CPTIPUR    PT INITIAL PUSH-UP RAW SCORE
           2 CHARACTERS NUMERIC.
           CONTAINS A SCORE FROM 00-99

CPTISUR    PT INITIAL SIT-UP RAW SCORE
           2 CHARACTERS NUMERIC.
           CONTAINS A SCORE FROM 00-99
```

CPTIMRR PT INITIAL MILE RUN RAW SCORE
4 CHARACTERS NUMERIC.
DEPICTS TIME IN MINUTES AND SECONDS

CPTIPUTS PT INITIAL PUSH-UP TABLE SCORE
3 CHARACTERS NUMERIC.
CONVERTS THE INITIAL PUSH-UP RAW SCORE TO A TABLE SCORE RANGING FROM 000-100

CPTISUTS PT INITIAL SIT-UP TABLE SCORE
3 CHARACTERS NUMERIC.
CONVERTS THE INITIAL SIT-UP RAW SCORE TO A TABLE SCORE RANGING FROM 000-100

CPTIMRTS PT INITIAL MILE RUN TABLE SCORE
3 CHARACTERS NUMERIC.
CONVERTS THE INITIAL MILE RUN SCORE TO A TABLE SCORE RANGING FROM 000-100

CPTITTS PT INITIAL TOTAL TABLE SCORE
3 CHARACTERS NUMERIC.
ADDS THE INITIAL PUSH-UP TABLE SCORE, THE INITIAL SIT-UP TABLE SCORE AND THE INITIAL MILE RUN TABLE SCORE TO COMPUTE A FIGURE RANGING FROM 000-300

CPTRPUR PT RETAKE PUSH-UP RAW SCORE
2 CHARACTERS NUMERIC.
CONTAINS A RETAKE SCORE FROM 00-99

CPTRSUR PT RETAKE SIT-UP RAW SCORE
2 CHARACTERS NUMERIC.
CONTAINS A RETAKE SCORE FROM 00-99

CPTRMRR PT RETAKE MILE RUN RAW SCORE
4 CHARACTERS NUMERIC.
DEPICTS A RETAKE-TIME IN MINUTES AND SECONDS

CPTRPUTS PT RETAKE PUSH-UP TABLE SCORE
3 CHARACTERS NUMERIC.
CONVERTS THE RETAKE PUSH-UP RAW SCORE TO A TABLE SCORE RANGING FROM 000-100

CPTRSUTS PT RETAKE SIT-UP TABLE SCORE
3 CHARACTERS NUMERIC.
CONVERTS THE RETAKE SIT-UP RAW SCORE TO A TABLE SCORE RANGING FROM 000-100

CPTRMRTS PT RETAKE MILE RUN TABLE SCORE
3 CHARACTERS NUMERIC.
CONVERTS THE RETAKE MILE RUN SCORE TO A TABLE SCORE RANGING FROM 001-100

CPTRTTS PT RETAKE TOTAL TABLE SCORE

3 CHARACTERS NUMERIC.
ADDS THE RETAKE PUSH-UP TABLE SCORE, THE RETAKE SIT-UP TABLE SCORE AND THE RETAKE MILE RUN TABLE SCORE TO COMPUTE A FIGURE RANGING FROM 001-300

CPTWAIVR PT WAIVERS
1 CHARACTER ALPHABETIC.
M=MEDICAL WAIVER
Y=NON-MEDICAL WAIVER
BLANK=NO DATA

CPTQUAL PT QUALIFICATION
1 CHARACTER ALPHABETIC.
G=GO (PASSED)
N=NO-GO (FAILED)
BLANK=NO DATA

CPTRECON PT RECONDO
1 CHARACTER ALPHABETIC.
G=GO (PASSED)
N=NO-GO (FAILED)
BLANK=NO DATA

CJPPLOR JOB PERFORMANCE PLATOON LEADER OFFICER (RECORD)
2 CHARACTER NUMERIC.
THE VALUES FOR THIS DATA ELEMENT HAVE CHANGED OVER TIME. IN 1982-1983 THE VALID VALUES FOR THIS FIELD WERE 01, 02, 03 AND 11, HOWEVER THERE IS NO DOCUMENTATION TO INDICATE WHAT THESE VALUES MEANT. THE DATA REMAINS AS IT WAS IN THOSE YEARS ON THIS ADVANCED CAMP DATA SET. FOR THE FOLLOWING YEARS THE VALID VALUES ARE 0 THROUGH 5. THEY ARE STORED IN TWO POSITIONS TO ACCOMMODATE THE VALUE OF '11' FOR THE EARLY YEARS.
5=MUCH MORE THAN ACCEPTABLE (TOP 10%)
4=MORE THAN ACCEPTABLE (TOP 1/3)
3=ACCEPTABLE, ALL OTHERS EXCEPT BOARDS
2=LESS THAN ACCEPTABLE, BOARD ACTION
1=NOT ACCEPTABLE, NO CAMP CREDIT
0=MISSING

CJPPLOP JOB PERFORMANCE PLATOON LEADER OFFICER (PRACTICE)
1 CHARACTER NUMERIC. THIS IS AN OPTIONAL FIELD.
THIS FIELD DID NOT EXIST IN 1982-1983. FOR THOSE YEARS IT IS FILLED WITH ZEROS.
5=MUCH MORE THAN ACCEPTABLE (TOP 10%)
4=MORE THAN ACCEPTABLE (TOP 1/3)
3=ACCEPTABLE, ALL OTHERS EXCEPT BOARDS
2=LESS THAN ACCEPTABLE, BOARD ACTION
1=NOT ACCEPTABLE, NO CAMP CREDIT
0=MISSING

CJPPLNR JOB PERFORMANCE PLATOON LEADER NCO (RECORD)
1 CHARACTER NUMERIC.
THE VALUES FOR THIS DATA ELEMENT HAVE CHANGED OVER TIME. IN 1982-1983 THE VALID VALUES FOR THIS FIELD WERE 01, 02, 03, AND 11, HOWEVER THERE IS NO DOCUMENTATION TO INDICATE WHAT THESE VALUES MEANT. THE DATA REMAINS AS IT WAS IN THOSE YEARS ON THIS ADVANCED CAMP DATA SET. FOR THE FOLLOWING YEARS THE VALID VALUES ARE 0 THROUGH 5. THEY ARE STORED IN TWO POSITIONS TO ACCOMMODATE THE VALUE OF '11' FOR THE EARLY YEARS.
5=MUCH MORE THAN ACCEPTABLE (TOP 10%)
4=MORE THAN ACCEPTABLE (TOP 1/3)
3=ACCEPTABLE, ALL OTHERS EXCEPT BOARDS
2=LESS THAN ACCEPTABLE, BOARD ACTION
1=NOT ACCEPTABLE, NO CAMP CREDIT
0=MISSING

CJPPLNP JOB PERFORMANCE PLATOON LEADER NCO (PRACTICE)
1 CHARACTER NUMERIC. THIS IS AN OPTIONAL FIELD
THIS FILED DID NOT EXIST IN 1982-1983. FOR THOSE YEARS IT IS FILLED WITH ZEROS.
5=MUCH MORE THAN ACCEPTABLE (TOP 10%)
4=MORE THAN ACCEPTABLE (TOP 1/3)
3=ACCEPTABLE, ALL OTHERS EXCEPT BOARDS
2=LESS THAN ACCEPTABLE, BOARD ACTION
1=NOT ACCEPTABLE, NO CAMP CREDIT
0=MISSING

CJPPSIZE JOB PERFORMANCE PLATOON SIZE
2 CHARACTERS NUMERIC.
NOT TO EXCEED 60 CADETS

CTAXRATE TACTICAL APPLICATION EXERCISE RATER (CADRE AND IDENTIFICATION CODE)
2 CHARACTERS ALPHA/NUMERIC.
THERE IS NO DOCUMENTATION AVAILABLE TO DESCRIBE THESE CODES.

CTRPSUPV TACTICAL APPLICATION EXERCISE RAW POINTS - SUPERVISION AND CONTROL OF SUBORDINATES
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPTEAM TACTICAL APPLICATION EXERCISE RAW POINTS - TEAM MEMBER/COOPERATION
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPCOMM TACTICAL APPLICATION EXERCISE RAW POINTS - COMMUNICATION
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPDEC TACTICAL APPLICATION EXERCISE RAW POINTS - DECISIVENESS
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPTECH TACTICAL APPLICATION EXERCISE RAW POINTS - TECHNICAL AND TACTICAL PROFICIENCY
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPATTD TACTICAL APPLICATION EXERCISE RAW POINTS - ATTITUDE/MOTIVATION
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPCONF TACTICAL APPLICATION EXERCISE RAW POINTS - CONFIDENCE
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPPLAN TACTICAL APPLICATION EXERCISE RAW POINTS - PLANNING
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTRPMSSN TACTICAL APPLICATION EXERCISE RAW POINTS - MISSION ACCOMPLISHMENT
1 CHARACTER NUMERIC.
EACH CHARACTER IS A RATING RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE

CTAXGN TACTICAL APPLICATION EXERCISE GO/NO-GO
1 CHARACTER ALPHA/NUMERIC.
G=GO (PASSED)
N=NO-GO (FAILED)
BLANK=NO DATA

CTAXTR TACTICAL APPLICATION EXERCISE TOTAL RAW SCORE
3 CHARACTERS NUMERIC.
0 THRU 45 (TOTAL OF THE 9 TACTICAL APPLICATION EXERCISE RAW POINT CATEGORIES AS FOLLOWS: CTRPSUPV, CTRPTEAM, CTRPCOMM, CTRPDECI, CTRPTECH, CTRPATTD, CTRPCONF, CTRPPLAN, CTRPMSSN)

CTAXWAIV TACTICAL APPLICATION EXERCISE WAIVER
1 CHARACTER ALPHABETIC.
M=MEDICAL
Y=NON-MEDICAL
BLANK=NO DATA

CROSTER CADET ROSTER NUMBER
2 CHARACTERS NUMERIC.
NUMBERS WILL RANGE FROM 01-60 ONLY

CPRPMV1 PEER RATING OF OFFICER POTENTIAL (PRACTICE) MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV2 PEER RATING OF OFFICER POTENTIAL (PRACTICE) SECOND MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV3 PEER RATING OF OFFICER POTENTIAL (PRACTICE) THIRD MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV4 PEER RATING OF OFFICER POTENTIAL (PRACTICE) FOURTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV5 PEER RATING OF OFFICER POTENTIAL (PRACTICE) FIFTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV6 PEER RATING OF OFFICER POTENTIAL (PRACTICE) SIXTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV7 PEER RATING OF OFFICER POTENTIAL (PRACTICE) SEVENTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV8 PEER RATING OF OFFICER POTENTIAL (PRACTICE) EIGHTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV9 PEER RATING OF OFFICER POTENTIAL (PRACTICE) NINTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPMV10 PEER RATING OF OFFICER POTENTIAL (PRACTICE) TENTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV1 PEER RATING OF OFFICER POTENTIAL (PRACTICE) LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV2 PEER RATING OF OFFICER POTENTIAL (PRACTICE) SECOND LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV3 PEER RATING OF OFFICER POTENTIAL (PRACTICE) THIRD LEAST VOTES
2 CHARACTERS NUMERIC.

CPRPLV4 PEER RATING OF OFFICER POTENTIAL (PRACTICE) FOURTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV5 PEER RATING OF OFFICER POTENTIAL (PRACTICE) FIFTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV6 PEER RATING OF OFFICER POTENTIAL (PRACTICE) SIXTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV7 PEER RATING OF OFFICER POTENTIAL (PRACTICE) SEVENTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV8 PEER RATING OF OFFICER POTENTIAL (PRACTICE) EIGHTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV9 PEER RATING OF OFFICER POTENTIAL (PRACTICE) NINTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPLV10 PEER RATING OF OFFICER POTENTIAL (PRACTICE) TENTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRPRAW PEER RATING OF OFFICER POTENTIAL (PRACTICE) RAW SCORE
3 CHARACTERS NUMERIC.
AN ACCUMULATION OF THE PEER RATING (PRACTICE) MOST VOTES AND THE PEER (PRACTICE) LEAST VOTES

CPRPASC PEER RATING OF OFFICER POTENTIAL (PRACTICE) ARMY STANDARD SCORE.
3 CHARACTERS NUMERIC.
THE PEER RATING PRACTICE RAW SCORE CONVERTED TO THE ARMY STANDARD SCORE.

CPRRMV1 PEER RATING OF OFFICER POTENTIAL (RECORD) MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV2 PEER RATING OF OFFICER POTENTIAL (RECORD) SECOND MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV3 PEER RATING OF OFFICER POTENTIAL (RECORD) THIRD MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV4 PEER RATING OF OFFICER POTENTIAL (RECORD) FOURTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV5 PEER RATING OF OFFICER POTENTIAL (RECORD) FIFTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV6 PEER RATING OF OFFICER POTENTIAL (RECORD) SIXTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV7 PEER RATING OF OFFICER POTENTIAL (RECORD) SEVENTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV8 PEER RATING OF OFFICER POTENTIAL (RECORD) EIGHTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV9 PEER RATING OF OFFICER POTENTIAL (RECORD) NINTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRMV10 PEER RATING OF OFFICER POTENTIAL (RECORD) TENTH MOST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV1 PEER RATING OF OFFICER POTENTIAL (RECORD) LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV2 PEER RATING OF OFFICER POTENTIAL (RECORD) SECOND LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV3 PEER RATING OF OFFICER POTENTIAL (RECORD) THIRD LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV4 PEER RATING OF OFFICER POTENTIAL (RECORD) FOURTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV5 PEER RATING OF OFFICER POTENTIAL (RECORD) FIFTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV6 PEER RATING OF OFFICER POTENTIAL (RECORD) SIXTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV7 PEER RATING OF OFFICER POTENTIAL (RECORD) SEVENTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV8 PEER RATING OF OFFICER POTENTIAL (RECORD) EIGHTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV9 PEER RATING OF OFFICER POTENTIAL (RECORD) NINTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRLV10 PEER RATING OF OFFICER POTENTIAL (RECORD) TENTH LEAST VOTES
2 CHARACTERS NUMERIC.
NUMBER WILL RANGE FROM 01-60

CPRRRAW PEER RATING OF OFFICER POTENTIAL (RECORD) RAW
3 CHARACTERS NUMERIC.
AN ACCUMULATION OF THE PEER RATING (RECORD) MOST VOTES AND THE PEER RATING (RECORD) LEAST VOTES

CPRRASC PEER RATING OF OFFICER POTENTIAL (RECORD) ARMY STANDARD SCORE.
3 CHARACTERS NUMERIC.
THE PEER RATING RECORD RAW SCORE CONVERTED TO THE ARMY STANDARD SCORE.

CRECONRL RECONDO EVENTS - RAPPEL
4 CHARACTERS ALPHABETIC.
G=GO
N=NO-GO

CRECONRD RECONDO EVENTS - ROPE DROP
4 CHARACTERS ALPHABETIC.
G=GO
N=NO-GO

CRECONSL RECONDO EVENTS - SLIDE FOR LIFE
4 CHARACTERS ALPHABETIC.
G=GO
N=NO-GO

CRECONCW RECONDO EVENTS - CAT WALK
4 CHARACTERS ALPHABETIC.
G=GO
N=NO-GO

CRECONQL RECONDO QUALIFIED
1 CHARACTER ALPHABETIC.
G=GO
N=NO-GO

CCAMPCD ADVANCED CAMP CODE
1 CHARACTER NUMERIC.
1=FT BRAGG
3=FT RILEY
4=FT LEWIS

CJPDPLAN JOB PERFORMANCE PLANNING AND ORGANIZATION
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDPROB JOB PERFORMANCE PROBLEM ANALYSIS
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDORAL JOB PERFORMANCE ORAL COMMUNICATION SKILL
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDJUDG JOB PERFORMANCE JUDGMENT
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDDEC JOB PERFORMANCE DECISIVENESS
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDINIT JOB PERFORMANCE INITIATIVE
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDDELG JOB PERFORMANCE DELEGATION
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDINFL JOB PERFORMANCE INFLUENCE
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDADMN JOB PERFORMANCE ADMINISTRATIVE CONTROL
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDTECH JOB PERFORMANCE TECHNICAL COMPETENCE
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDSENS JOB PERFORMANCE SENSITIVITY
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDSTAM JOB PERFORMANCE PHYSICAL STAMINA
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDMSSN JOB PERFORMANCE MISSION ACCOMPLISHMENT
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDFOLL JOB PERFORMANCE FOLLOWERSHIP
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDWRTN JOB PERFORMANCE WRITTEN COMMUNICATION SKILL
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

CJPDPRES JOB PERFORMANCE ORAL PRESENTATION SKILL
1 CHARACTER NUMERIC.
EACH CHARACTER IS A GRADE RANGING FROM 0 TO 5 ON THE CADET'S PERFORMANCE
(THE POSITIONING OF THIS FIELD IS DIFFERENT IN 1986 DOCUMENTATION SO USE IT AT YOUR OWN RISK.)

COLRDB OLRDB FLAG
1 CHARACTER
THIS CODE INDICATES WHETHER AN OFFICER LONGITUDINAL RESEARCH DATA BASE (OLRDB) CORE DATA SET RECORD IS PRESENT FOR THIS CADET.
Y=AN OLRDB RECORD IS PRESENT FOR THIS CADET
N=NO OLRDB CORE RECORD IS PRESENT FOR THIS CADET

CYEAR YEAR OF ADVANCED CAMP DATA
2 CHARACTERS NUMERIC
LAST TWO DIGITS OFTHE YEAR THAT THE ROTC ADVANCED CAMP DATA WAS REPORTED.

ROTC COMMISSION DATA ELEMENTS

MATCHCOD MATCH CODE
9 CHARACTERS
UNIQUE NUMBER WHICH IDENTIFIES EACH PERSON IN THE OLRDB.
IT IS ASSIGNED BY THE OLRDB DATA MANAGER

MINSTH INSTITUTION CODE, HOST
6 CHARACTERS
FEDERAL INTERAGENCY COMMITTEE ON EDUCATION (FICE) CODE FOR THE INSTITUTION HOSTING ARMY ROTC. THE INSTITUTION CODES AND NAMES CAN BE FOUND BY USING THE SAS FORMAT $CEIN IN THE SAS FORMAT LIBRARY MAINTAINED BY THE OLRDB DATA MANAGER.

MREGION ROTC INSTITUTION REGION
1 CHARACTER
IDENTIFIES THE HEADQUARTERS FOR THE REGION IN WHICH THE INSTITUTION IS LOCATED.
1=FT BRAGG
2=FT KNOX
3=FT RILEY
4=FT LEWIS

MSEX SEX
1 CHARACTER
SEX OF THE CADET
M=MALE
F=FEMALE

MRACE RACE/POPULATION GROUP
1 CHARACTER
THE RACE/POPULATION GROUP OF THE CADET
C=WHITE (CAUCASOID)
M=YELLOW (ASIAN/MONGOLOID)
N=BLACK (NEGROID/AFRICAN)
R=RED (AMERICAN INDIAN)
X=OTHER
Z=UNKNOWN

METHNIC ETHNIC GROUP
1 CHARACTER
THE ETHNIC GROUP OF THE CADET
1=OTHER HISPANIC DECENT
2=US/CANADIAN INDIAN TRIBES
3=OTHER ASIAN DESCENT
4=PUERTO RICAN
5=FILIPINO
6=MEXICAN
7=ESKIMO
8=ALEUT
9=CUBAN
D=INDIAN

E=MELANESIAN
G=CHINESE
J=JAPANESE
K=KOREAN
L=POLYNESIAN
Q=OTHER PACIFIC ISLAND DESCENT
S=LATIN AMERICAN WITH HISPANIC DESCENT
V=VIETNAMESE
W=MICRONESIAN
X=OTHER OR NO ETHNIC
Z=UNKNOWN

MCADSTAT CADET CURRENT STATUS
1 CHARACTER
THIS DATA ELEMENT MAY NOT REFLECT THE CADET STATUS AS OF THE TIME OF COMMISSIONING.
E=ENROLLED
L=LEAVE OF ABSENCE
C=COMPLETED ROTC TRAINING BUT NOT COMPLETED ACADEMIC REQUIREMENTS
D=DISENROLLED
I=IMMIGRANT ALIEN
R=REFUGEE

MMSCLASS MILITARY SCIENCE CLASS ENROLLED
1 CHARACTER
THIS DATA ELEMENT REFLECTS MILITARY SCIENCE CLASS ENROLLED IMMEDIATELY BEFORE COMMISSIONING. MOST CASES SHOW MS IV.
1=MS I
2=MS II
3=MS III
4=MS IV
C=COMPLETED ROTC TRAINING BUT HAS NOT BEEN COMMISSIONED

MPGMTYPE ROTC PROGRAM TYPE
1 CHARACTER
IDENTIFIES THE TYPE OF ROTC PROGRAM IN WHICH THE CADET IS ENROLLED
2=2 YEAR PROGRAM (BASIC CAMP CADETS ONLY)
4=4 YEAR PROGRAM (INCLUDES ALL BUT BASIC CAMP CADETS)

MSAWARD SCHOLARSHIP AWARDED
1 CHARACTER
LENGTH IN YEARS OF SCHOLARSHIP AWARDED
1=1 YEAR
2=2 YEAR
3=3 YEAR
4=4 YEAR
0=NONE (NONSCHOLARSHIP CADET MUST BE 0)
NOTE: 3 1/2 AND 2 1/2 YEAR SCHOLARSHIP WERE AWARDED ON A ONE-TIME BASIS ONLY; THEREFORE, 3 1/2 YEAR AWARDS ARE LISTED AS 4-YEAR AND 2 1/2 AWARDS ARE LISTED AS 3-YEAR.

MYRSAWRD YEAR SCHOLARSHIP AWARDED
2 CHARACTERS
THE CALENDAR YEAR IN WHICH THE SCHOLARSHIP WAS AWARDED

MHITUITN TUITION, RESIDENT STATUS
1 CHARACTER
IDENTIFIES IF SCHOLARSHIP CADET IS A NON-RESIDENT AND IS PAYING HIGHER TUITION
T=NON RESIDENT STUDENT
BLANK=RESIDENT

MSCHLAID SCHOLARSHIP AID CONTINUING
1 CHARACTER
S=SCHOLARSHIP CADET HAS COMPLETED ALL MILITARY SCIENCE COURSES BUT IS STILL RECEIVING FINANCIAL ASSISTANCE UNDER THE ARMY SCHOLARSHIP PROGRAM. THIS WOULD APPLY TO CADETS WHO HAD COMPRESSED ROTC CLASSES
BLANK=SCHOLARSHIP CADETS WHO HAVE COMPLETED ROTC AND ARE NOT RECEIVING ARMY ROTC SCHOLARSHIP AID.

MPROBSTS PROBATION STATUS
1 CHARACTER
SCHOLARSHIP CADET'S PROBATION STATUS
Y=CADET IS CURRENTLY ON PROBATION FOR THE FIRST TIME
2=CADET IS CURRENTLY ON PROBATION FOR THE SECOND TIME
3=CADET IS CURRENTLY ON PROBATION FOR THE THIRD TIME
7=CADET IS CURRENTLY ON PROBATION FOR THE FOURTH TIME
N=CADET IS NOT ON PROBATION AND HAS NEVER BEEN ON PROBATION
4=CADET IS NOT CURRENTLY ON PROBATION BUT HAS HAD ONE PREVIOUS PROBATION
5=CADET IS NOT CURRENTLY ON PROBATION BUT HAS HAD TWO PREVIOUS PROBATIONS
6=CADET IS NOT CURRENTLY ON PROBATION BUT HAS HAD THREE PREVIOUS PROBATIONS

MSCHLCAT SCHOOL CODE CATEGORY
1 CHARACTER
CODE WHICH INDICATES IF A CADET IS FROM AN EXTENSION CENTER OR CROSS-ENROLLED SCHOOL
C=CADET IS CROSS-ENROLLED (INCLUDES CROSS-ENROLLED TO AN EXTENSION CENTER)
X=CADET IS FROM AN EXTENSION CENTER
BLANK=NEITHER

MINSTX INSTITUTION CODE (CROSS ENROLL,EXTENSION)
6 CHARACTERS
CROSS-ENROLLED OR EXTENSION CENTER CADET, THE NUMERIC FEDERAL INTERAGENCY COMMITTEE ON EDUCATION (FICE) CODE FOR THE INSTITUTION IN WHICH THE CADET IS ACADEMICALLY ENROLLED. THE INSTITUTION CODES AND NAMES CAN BE FOUND BY USING THE SAS FORMAT $CEIN IN THE SAS FORMAT LIBRARY MAINTAINED BY THE OLRDB DATA MANAGER.

MYRSAMJC JROTC YEARS IN MILITARY JUNIOR COLLEGE
1 CHARACTER
NUMBER OF YEARS THE CADET PARTICIPATED IN ARMY JROTC AT A MILITARY JUNIOR COLLEGE

MYRSAMI JROTC YEARS IN MILITARY INSTITUTE
1 CHARACTER
NUMBER OF YEARS THE CADET PARTICIPATED IN ARMY JROTC AT A MILITARY INSTITUTE

MYRSAHS JROTC YEARS IN HIGH SCHOOL
1 CHARACTER
NUMBER OF YEARS THE CADET PARTICIPATED IN ARMY JROTC IN HIGH SCHOOL

MYRSANDC NDCC YEARS
1 CHARACTER
NUMBER OF YEARS THE CADET PARTICIPATED IN AN ARMY NDCC PROGRAM

MYRSOMI NON ARMY JROTC YEARS IN MILITARY INSTITUTE
1 CHARACTER
NUMBER OF YEARS THE CADET PARTICIPATED IN ANOTHER SERVICE JROTC AT A MILITARY INSTITUTE

MYRSOHS NON-ARMY JROTC YEARS IN HIGH SCHOOL
1 CHARACTER
NUMBER OF YEARS THE CADET PARTICIPATED IN ANOTHER SERVICE JROTC IN HIGH SCHOOL

MMPCLASS PRIOR MILITARY PERSONNEL CLASS
1 CHARACTER
E=ENLISTED
C=MILITARY SERVICE ACADEMY

MMPASERV MONTHS OF PRIOR ARMED SERVICE
3 CHARACTERS
TOTAL MONTHS OF SERVICE (E.G., 036) AT THE TIME OF COMMISSIONING.

MDENSLOS DISENROLLMENT AND SCHOLARSHIP LOSS
3 CHARACTERS
CODES BEGINNING WITH 'D' IDENTIFY THE REASON THE CADET WAS DISENROLLED FROM ROTC. CODES BEGINNING WITH 'S' IDENTIFY THE REASON THE CADET LOST HIS/HER SCHOLARSHIP
D01=WITHDRAWAL FROM SCHOOL
D02=MEDICAL DISQUALIFICATION
D03=ACADEMIC/ROTC FAILURE
D04=CONSCIENTIOUS OBJECTOR
D05=FAILURE TO COMPLETE THE ADVANCED COURSE
D06=MISCONDUCT
D07=INAPTITUDE FOR MILITARY SERVICE
D08=UNDESIRABLE TRAITS OF CHARACTER

D09=INDIFFERENCE/LACK OF INTEREST
D10=WILLFUL EVASION OF CONTRACT
D11=TRANSFER TO ANOTHER SERVICE ROTC PROGRAM
D12=FAILURE TO MAINTAIN REQUIREMENTS FOR ENROLLMENT
D13=OWN REQUEST
D14=PERSONAL HARDSHIP

D15=TRANSFER TO ANOTHER SCHOOL
D16=RECEIVED APPOINTMENT UNDER AMEDD
D17=DISCLOSURE OF FACTS WHICH BAR COMMISSION
S01=MEDICAL DISABILITY
S02=ACADEMIC DEFICIENCY
S03=PERSONAL HARDSHIP
S04=OWN REQUEST (MS I AND MS II ONLY)
S05=ROTC COURSE DEFICIENCY

MMSCTERM MILITARY SCIENCE CLASS CADET ENROLLED WHEN TERMINATED
1 CHARACTER
THE MILITARY SCIENCE CLASS THE CADET WAS ATTENDING WHEN DISENROLLED FROM ROTC OR LOST HIS/HER SCHOLARSHIP
1=MS I
2=MS II
3=MS III
4=MS IV
C=COMPLETED CADET

MTERMYY YEAR CADET TERMINATED
2 CHARACTERS
THE LAST DIGITS OF CALENDAR YEAR IN WHICH THE CADET WAS DISENROLLED OR THE SCHOLARSHIP WAS LOST

MTERMMM MONTH CADET TERMINATED
2 CHARACTERS
THE NUMBER OF THE MONTH IN WHICH THE CADET WAS DISENROLLED OR THE SCHOLARSHIP WAS LOST
MONTH=01-12

MINITMSC INITIAL MILITARY SCIENCE CLASS
1 CHARACTER
THE FIRST ROTC CLASS THE CADET ATTENDED
1=MS I
2=MS II
3=MS III
4=MS IV

MYRENTER YEAR CADET ENTERED ROTC
2 CHARACTERS
THE LAST TWO DIGITS OF THE CALENDAR YEAR IN WHICH THE CADET ATTENDED FIRST ROTC CLASS

MBASIS BASIS FOR FIRST ROTC CLASS
1 CHARACTER
BLANK=CADETS ENTERING ROTC IN MS I

FOR CADETS ENTERING ROTC IN MS II:
P=PLACEMENT CREDIT (PREVIOUS JROTC TRAINING) OR PRIOR MILITARY SERVICE

FOR CADETS ENTERING ROTC IN MS III:
B=BASIC CAMP - 2 YEAR PROGRAM CADET
P=PLACEMENT CREDIT (PREVIOUS JROTC TRAINING) OR PRIOR MILITARY SERVICE
S=90-HR ON-CAMPUS SUMMER PROGRAM
G=COMPLETED BASIC COMBAT TRAINING IN THE NATIONAL GUARD
V=COMPLETED BASIC COMBAT TRAINING IN THE RESERVES
R=PLACEMENT CREDIT FOR PARTICIPATION IN ANOTHER SERVICE SENIOR ROTC PROGRAM

FOR CADETS ENTERING ROTC IN MS IV:
P=PLACEMENT CREDIT (PREVIOUS JROTC TRAINING) OR PRIOR MILITARY SERVICE

MBLVYY YEAR, BEGINNING LEAVE OF ABSENCE
2 CHARACTERS
ENTER LAST TWO DIGITS OF YEAR IN WHICH THE CADET WENT ON LEAVE OF ABSENCE

MBLVMM MONTH, BEGINNING LEAVE OF ABSENCE
2 CHARACTERS
MONTH (01-12) IN WHICH THE CADET WENT ON LEAVE OF ABSENCE

MELVYY YEAR ENDING LEAVE OF ABSENCE
2 CHARACTERS
THE LAST TWO DIGITS OF YEAR IN WHICH THE CADET IS SCHEDULED TO RETURN FROM LEAVE OF ABSENCE
BLANK=NOT ON LEAVE OF ABSENCE

MELVMM MONTH ENDING LEAVE OF ABSENCE
2 CHARACTERS
MONTH (01-12) IN WHICH THE CADET IS SCHEDULED TO RETURN FROM LEAVE OF ABSENCE
BLANK=NOT ON LEAVE OF ABSENCE

MDOBYY DATE OF BIRTH-YEAR
2 CHARACTERS
LAST TWO DIGITS OF THE YEAR OF BIRTH (YY).
FROM EXAMINATION OF THE DATA, SOME UNREASONABLE DATE OF BIRTH YEARS ARE PRESENT ON THE FILE

MDOBMM DATE OF BIRTH-MONTH
2 CHARACTERS
DATE OF BIRTH MONTH (MM)
01-12

MDOBDD DATE OF BIRTH-DAY
2 CHARACTERS
DATE OF BIRTH DAY (DD)
01-31

MACADCLS ACADEMIC CLASS ENROLLED
1 CHARACTER
THE CLASS IN WHICH THE CADET IS ACADEMICALLY ENROLLED
1=FRESHMAN
2=SOPHOMORE
3=JUNIOR
4=SENIOR
5=SENIOR IN 5 YEAR CURRICULUM PROGRAM (OR COOP)
G=GRADUATE STUDENT

MPBYY YEAR PROBATION BEGINS
2 CHARACTERS
THE LAST TWO DIGITS OF THE YEAR IN WHICH THE CADET WAS PLACED ON PROBATION

MPBMM MONTH PROBATION BEGINS
2 CHARACTERS
THE MONTH (01-12) IN WHICH THE CADET WAS PLACED ON PROBATION

MEPYY YEAR PROBATION ENDS
2 CHARACTERS
THE LAST TWO DIGITS OF THE YEAR IN WHICH THE CADET IS EXPECTED TO END PROBATION

MEPMM MONTH PROBATION ENDS
2 CHARACTERS
THE MONTH (01-12) IN WHICH THE CADET IS EXPECTED TO END PROBATION

MSAWDCAT SCHOLARSHIP AWARD CATEGORY
2 CHARACTERS
CODE WHICH IDENTIFIES THE CATEGORY OF SCHOLARSHIP RECEIVED
4E=4-YEAR EARLY CYCLE
4R=4-YEAR REGULAR CYCLE
QE=QUALITY ENRICHMENT PROGRAM
3A=3-YEAR ACTIVE DUTY
MR=MINORITY RECRUITING
3E=3-YEAR ENROLLED (HIS)
3N=3-YEAR NON-ENROLLED (HIS)
3X=3-YEAR EXTENSION CENTER
3C=3-YEAR NATIONAL COMPETITION
2A=2-YEAR ACTIVE DUTY
2E=2-YEAR ENROLLED (HIS)
2N=2-YEAR NON-ENROLLED (HIS)
2X=2-YEAR EXTENSION CENTER
BC=BASIC CAMP - ACTIVE DUTY
BR=BASIC CAMP - RESERVE DUTY
RD=RESERVE FORCES DUTY
2C=NATIONAL COMPETITION ENROLLED 2-YEAR

NN=NATIONAL COMPETITION NON-ENROLLED 2-YEAR
MC=MILITARY COLLEGE
MJ=MILITARY JUNIOR COLLEGE
1C=NATIONAL COMPETITION 1-YEAR
NR=NURSES
UK=UNKNOWN
N3=NATIONAL COMPETITION NON-ENROLLED 3 YEAR
HS=HIGH TECHNOLOGY
GS=GRADUATE HIGH TECHNOLOGY
RV=RESERVE FORCES DUTY (USAR)
RG=RESERVE FORCES DUTY (NG)
AE=ALLOCATION ENROLLED (2 YEAR AND 3 YEAR)
AN=ALLOCATION NON-ENROLLED (2 YEAR AND 3 YEAR)

MBCONDYY YEAR STUDENT BEGAN CONDITIONAL
2 CHARACTERS
THE LAST TWO DIGITS OF THE YEAR THE STUDENT BEGAN PARTICIPATING AS A CONDITIONAL STUDENT

MBCONDMM MONTH STUDENT BEGAN CONDITIONAL
2 CHARACTERS
THE MONTH (01 12) IN WHICH THE STUDENT BEGAN PARTICIPATING AS A CONDITIONAL STUDENT

METNCODE ETN CODE
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES=1 THROUGH 6

MSCLRCOD SCHOLARSHIP CODE
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES=Y, N

MACADCOD ACADEMIC CODE
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES=A-D,O,0-9

MSTATE STATE CODE
2 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED BUT IT DOES CONTAIN THE 2 POSITION ALPHABETIC STATE CODE

MAUTHBR AUTHORIZED BRANCH
2 CHARACTERS
IF CADET IS BEING TRAINED AT A SCHOOL AUTHORIZED TO TRAIN FOR A PARTICULAR BRANCH, THIS FIELD CONTAINS THE TWO POSITION ALPHA BRANCH CODE
GM=GENERAL MILITARY SCIENCE
AD AIR DEFENSE ARTILLERY
AR=ARMOR

AV=AVIATION
EN=CORPS OF ENGINEERS
FA=FIELD ARTILLERY
IN=INFANTRY
CM=CHEMICAL CORPS
MI=MILITARY INTELLIGENCE
MP=MILITARY POLICE CORPS
SC=SIGNAL CORPS
AG=ADJUTANT GENERAL'S CORPS
FI=FINANCE CORPS
OD=ORDNANCE CORPS
QM=QUARTERMASTER CORPS
TC=TRANSPORTATION CORPS
SP=ARMY MEDICAL SPECIALIST CORPS
AN=ARMY NURSE CORPS
MS=MEDICAL SERVICE CORPS

MCOMPRES MILITARY SCIENCE CLASS COMPRESSION
1 CHARACTER
CADET IS COMPRESSING MILITARY SCIENCE CLASSES. THIS FIELD DESCRIBES THE LEVEL OF COMPRESSION
1=COMPRESSION OF MS I AND II
2=COMPRESSION OF MS II AND III
4=COMPRESSION OF MS III AND IV
3=PRESENT ONLY IN 1982 DATA, THERE IS NO DOCUMENTATION TO IDENTIFY WHAT IT MEANS

MDATA124 DATA IN POSITION 124
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED. IT IS SUPPOSED TO BE FILLER DATA (BLANK) BUT CONTAINS THE FOLLOWING VALUES: I, R, S, BLANK

MREENTRY RE-ENTRY ROTC PROGRAM
1 CHARACTER
R=WITHDREW OR DISENROLLED FROM ROTC AND LATER REENTERED THE ROTC PROGRAM
BLANK=CADET IS NOT A RE-ENTRY
1=PRESENT IN DATA BUT NOT DOCUMENTED

MCAMPADV ADVANCED CAMP
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES: A-D, F, N, R, 1-7

MCAMPTAB TAB CAMP
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES: N, T, Y

MTRNVOL TRAINING VOLUNTEER
1 CHARACTER
TRAINING STATUS OF THE CADET
P=AIRBORNE ENROLLED/PASSED

X=AIRBORNE ENROLLED NOT COMPLETED/FAILED
A=AIR ASSAULT ENROLLED/PASSED
Y=AIR ASSAULT ENROLLED NOT COMPLETED/FAILED
N=NORTHERN WARFARE TRAINING CENTER (NWTC) ENROLLED/PASSED
Z=NWTC ENROLLED NOT COMPLETED/FAILED
F=CADET FLIGHT TRAINING AND ORIENTATION PROGRAM (CFTOP)
ENROLLED/PASSED
W=CFTOP ENROLLED NOT COMPLETED/FAILED
B=CADET ENROLLED IN AND PASSED AIRBORNE AND AIR ASSAULT
BLANK=NO AIRBORNE, AIR ASSAULT, NWTC OR CFTOP TRAINING

MCTLT CADET TROOP LEADERSHIP TRAINING PARTICIPATE
1 CHARACTER
CODE INDICATING TYPE OF CADET TROOP LEADERSHIP TRAINING (CTLT) IN WHICH THE CADET PARTICIPATED
G=NATIONAL GUARD
A=ACTIVE ARMY
V=RESERVE
BLANK=CADET DID NOT PARTICIPATE IN ROTC CTLT

MSMP SIMULTANEOUS MEMBERSHIP PROGRAM, ASSIGNMENT
1 CHARACTER
TYPE OF SIMULTANEOUS MEMBERSHIP PROGRAM (SMP) IN WHICH THE CADET IS ENROLLED
V=RESERVE
G=NATIONAL GUARD
W=CADET WAS ENROLLED IN SMP AND THEN WITHDREW

MGBRST GUARANTEED BRANCH STATUS
1 CHARACTER
G=CADET HAS BEEN GUARANTEED A BRANCH
BLANK=CADETS WITHOUT A GUARANTEED BRANCH

MGRADYY YEAR EXPECTED TO GRADUATE
2 CHARACTERS
LAST TWO DIGITS OF YEAR IN WHICH CADET WILL COMPLETE ALL REQUIREMENTS FOR A BACCALAUREATE DEGREE

MGRADMM MONTH EXPECTED TO GRADUATE
2 CHARACTERS
MONTH (01-12) IN WHICH CADET WILL COMPLETE ALL REQUIREMENTS FOR A BACCALAUREATE DEGREE

MACADMAJ ACADEMIC MAJOR CODE
3 CHARACTERS
THE THREE POSITION ALPHABETIC CODE WHICH BEST DESCRIBES THE CADET'S ACADEMIC MAJOR. IF CADET HAS NO MAJOR "RAX" IS CODED. THE ACADEMIC MAJOR CODES CAN BE FOUND BY USING THE SAS FORMAT $CEAS IN THE SAS FORMAT LIBRARY MAINTAINED BY THE OLRDB DATA MANAGER

MMAJCHNG MILITARY SCIENCE ACADEMIC MAJOR CHANGE
1 CHARACTER
THE MILITARY SCIENCE CLASS IN WHICH THE CADET CHANGED ACADEMIC MAJOR
2=MS II
3=MS III
4=MS IV
0=PRESENT IN FY85 DATA WITH NO DOCUMENTATION TO DESCRIBE IT.
BLANK=CADET PURSUED THE SAME ACADEMIC MAJOR THROUGHOUT OR IS CADET CHANGED MAJOR WHILE IN MS I OR IN COMPLETION STATUS

MGPAACUR GRADE POINT AVERAGE, ACADEMIC CURRENT
2 CHARACTERS
THE CURRENT ACADEMIC GRADE POINT AVERAGE INCLUDING ROTC GRADE FOR THE SCHOOL TERM THAT JUST ENDED

MGPARCUR GRADE POINT AVERAGE, ROTC CURRENT
2 CHARACTERS
THE CURRENT ROTC GRADE POINT AVERAGE FOR THE SCHOOL TERM THAT JUST ENDED

MGRFDCTL GUARANTEED RESERVE FORCE DUTY CONTROL NUMBER
6 CHARACTERS
THE GRFD CONTROL NUMBER ISSUED TO THE CADET IF HE/SHE HAD A GUARANTEED RESERVE FORCES DUTY CONTRACT. A "W" IN THE 3RD POSITION OF THIS FIELD INDICATES THAT THE CADET SIGNED FOR GRFD AND LATER WITHDREW

MDASGCOP DASG CO-OP
2 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED AND THE DATA ELEMENT IS NOT PRESENT PRIOR TO FY85. IT CONTAINS ONLY BLANKS IN FY85 DATA.

MSGSTAS SCORE, GENERAL SCREENING TEST, ARMY STANDARD
2 CHARACTERS
GENERAL SCREENING TEST (GST) ARMY STANDARD SCORE AVAILABLE.
GST ARMY STANDARD SCORES RANGE FROM 42 TO 163

MNACSTAT NATIONAL AGENCY CHECK
1 CHARACTER
INDICATES THE STATUS OF THE NATIONAL AGENCY CHECK
S=NAC HAS BEEN INITIATED
C=NAC HAS BEEN COMPLETED
N=NOT DOCUMENTED, IT MAY MEAN NOT REQUIRED

MNACYY YEAR OF NATIONAL AGENCY CHECK
2 CHARACTERS
THE LAST TWO DIGITS OF THE YEAR IN WHICH THE NATIONAL AGENCY CHECK WAS COMPLETED

MNACMM MONTH OF NATIONAL AGENCY CHECK
2 CHARACTERS
THE MONTH (01-12) IN WHICH THE NATIONAL AGENCY WAS COMPLETED

MNACDD DAY OF NATIONAL AGENCY CHECK
2 CHARACTERS
THE DAY (01-31) IN WHICH THE NATIONAL AGENCY CHECK WAS COMPLETED

MBISTAT BACKGROUND INVESTIGATION
1 CHARACTER
CODE TO INDICATE THE STATUS OF THE BACKGROUND INVESTIGATION
S=INITIATED
N=NOT REQUIRED
C=COMPLETED

MSBISTAT SPECIAL BACKGROUND INVESTIGATION
1 CHARACTER
CODE TO INDICATE THE STATUS OF THE SPECIAL BACKGROUND INVESTIGATION
S=INITIATED
N=NOT REQUIRED
C=COMPLETED

MTRF TRF
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES: C, T, BLANK

MLANGPL LANGUAGE PERFORMANCE LEVEL
1 CHARACTER
CODE TO DESCRIBE THE CADET'S PERFORMANCE LEVEL IN NON-ENGLISH LANGUAGE
0=NONE.
1=ELEMENTARY. HAS SUFFICIENT COMPREHENSION TO MEET SURVIVAL NEEDS.
2=LIMITED KNOWLEDGE. CAN MEET ROUTINE SOCIAL DEMANDS AND LIMITED JOB REQUIREMENTS.
3=MINIMAL PROFESSIONAL. IS ABLE TO UNDERSTAND ESSENTIALS OF ALL SPEECH IN STANDARD DIALECT.
4=FULL PROFESSIONAL. IS ABLE TO UNDERSTAND ALL FORMS AND STYLES PERTINENT TO PROFESSIONAL NEEDS.
5=NATIVE SPEAKING.

MLANGID LANGUAGE IDENTITY
2 CHARACTERS
CODE TO IDENTIFY WHICH LANGUAGE THE LEVEL OF PERFORMANCE REFERS TO
AZ=ARABIC
CZ=CHINESE
DU=DUTCH
GM=GERMAN
FR=FRENCH
JT=ITALIAN
JA=JAPANESE
KP=KOREAN
RU=RUSSIAN
SR=SPANISH-CASTILIAN
SS=SPANISH CREOLE
TU=TURKISH

HU=HUNGARIAN
JN=INDONESIAN
YL=LATIN
NR=NORWEGIAN
PY=PORTUGUESE
ZZ=OTHER OR UNSPECIFIED

MFLANGR FOREIGN LANGUAGE REQUIREMENT
1 CHARACTER
C=SCHOLARSHIP CADET HAS RECEIVED OR IS TAKING ONE SEMESTER/ QUARTER CREDIT REQUIRED AS SPECIFIED IN TRADOC REG 145-16
W=PRESENT IN DATA BUT NOT DOCUMENTED

MSACTTOT SCORE, AMERICAN COLLEGE TEST, TOTAL
3 CHARACTERS
SUM OF SCORES FROM ACT MATH, ENGLISH, NATURAL SCIENCES, AND SOCIAL STUDIES. ACT TOTAL SCORES RANGE FROM 4 TO 144.

MACTENG ACT ENGLISH SCORE
2 CHARACTERS
THE CADET'S SCORE ON THE ENGLISH PART OF THE AMERICAN COLLEGE TEST. THIS DATA FIELD IS ONLY AVAILABLE FOR 1982 RECORDS.

MACTMATH ACT MATH SCORE
2 CHARACTERS
THE CADET'S SCORE ON THE MATH PART OF THE AMERICAN COLLEGE TEST. THIS DATA FIELD IS ONLY AVAILABLE FOR 1982 RECORDS.

MSSATTOT SCORE, SCHOLASTIC APTITUDE TEST, TOTAL
4 CHARACTERS
SUM OF SAT MATH AND VERBAL SCORES.

MSATVERB SAT VERBAL SCORE
3 CHARACTERS
THE CADET'S SCORE ON THE VERBAL PART OF THE SCHOLASTIC APTITUDE TEST. THIS DATA FIELD IS ONLY AVAILABLE FOR 1982 RECORDS

MSATMATH SAT MATH SCORE
3 CHARACTERS
THE CADET'S SCORE ON THE MATH PART OF THE SCHOLASTIC APTITUDE TEST. THIS DATA FIELD IS ONLY AVAILABLE FOR 1982 RECORDS

MMS3TEST MILITARY SCIENCE III SCREENING TEST
1 CHARACTER
CODE FOR THE TEST USED FOR ENTRANCE INTO MS III. CADETS WITH 3 AND 4 YEAR SCHOLARSHIPS WILL HAVE A BLANK FOR THIS FIELD
S=SAT
A=ACT
C=CEB
G=GST
B=PRESENT IN DATA BUT NOT DOCUMENTED
R=PRESENT IN DATA BUT NOT DOCUMENTED
0=PRESENT IN DATA BUT NOT DOCUMENTED

1=PRESENT IN DATA BUT NOT DOCUMENTED
7=PRESENT IN DATA BUT NOT DOCUMENTED
8=PRESENT IN DATA BUT NOT DOCUMENTED

MSCEBS2 SCORE, CADET EVALUATION BATTERY SUBTEST-2
3 CHARACTERS
THE ARMY STANDARD SCORE ON SUBTEST-2 (TECHNICAL MANAGERIAL LEADERSHIP: COGNITIVE) OF THE CADET EVALUATION BATTERY (CEB).

MEBTTFRM TEST FORM, CADET EVALUATION BATTERY TEST
1 CHARACTER
3=STUDENT WAS TESTED ON FORM 3
4=STUDENT WAS TESTED ON FORM 4
D=PRESENT IN DATA BUT NOT DOCUMENTED
R=PRESENT IN DATA BUT NOT DOCUMENTED
T=PRESENT IN DATA BUT NOT DOCUMENTED
1=PRESENT IN DATA BUT NOT DOCUMENTED
2=PRESENT IN DATA BUT NOT DOCUMENTED

MWAIVER WAIVERS, ENTRANCE INTO ROTC
1 CHARACTER
CODE TO IDENTIFY THE WAIVER GRANTED THE CADET
A=AGE
C=CIVIL CONVICTION
M=MEDICAL
S=MS III SCREEN SCORE
R=REENLISTMENT CODE
P=DEPENDENCY
B=AGE AND CIVIL CONVICTION
H=AGE AND MEDICAL
T=AGE AND MS III SCREENING SCORE
E=AGE AND RE CODE
D=CIVIL CONVICTION AND MEDICAL
W=CIVIL CONVICTION AND MS III SCREENING SCORE
V=CIVIL CONVICTION AND RE CODE
F=MEDICAL AND MS III SCREENING SCORE
L=MEDICAL AND RE CODE
G=AGE AND DEPENDENCY
U=CIVIL CONVICTION AND DEPENDENCY
N=MEDICAL AND DEPENDENCY
K=MS III SCREENING SCORE AND DEPENDENCY
J=RE CODE AND DEPENDENCY
X=MS III SCREENING AND RE CODE
3=MORE THAN TWO WAIVERS REQUIRED
4=OTHER
5=PRESENT IN DATA BUT NOT DOCUMENTED
6=PRESENT IN DATA BUT NOT DOCUMENTED
7=PRESENT IN DATA BUT NOT DOCUMENTED

MDMSTUD DISTINGUISHED MILITARY STUDENT
1 CHARACTER
S=CADET IS A DMS
BLANK=CADET IS NOT A DMS

MDMGRAD DISTINGUISHED MILITARY GRADUATE
1 CHARACTER
FOR CADETS BEFORE COMMISSIONING:
P=CADET ENROLLED AS A CONTRACT CADET
FOR CADETS WHO ARE COMMISSIONED, THIS FIELD INDICATES DISTINGUISHED MILITARY GRADUATE RECIPIENTS.
G=GRADUATING CADET IS A DMG
BLANK=GRADUATING CADET IS NOT A DMG

MCOMAWRD COMMISSION AWARDED CADET
1 CHARACTER
A=REGULAR ARMY
V=UNITED STATES ARMY RESERVE
F=AIR FORCE
N=NAVY
M=MARINE CORPS
O=NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
S=COMMISSIONING OF COMPLETION STUDENTS PROGRAM (CCSP)
R=PRESENT IN FY85 DATA AND FY82 DATA BUT NOT DOCUMENTED
C=PRESENT IN FY85 DATA AND FY82 DATA BUT NOT DOCUMENTED
U=PRESENT IN FY85 DATA AND FY82 DATA BUT NOT DOCUMENTED

MCOMMYY YEAR COMMISSIONED
2 CHARACTERS
EXPECTED COMMISSION YEAR (YY) WHEN THE CADET ENROLLS. AFTER COMMISSIONING, THE DATE THE CADET WAS COMMISSIONED

MCOMMMM MONTH COMMISSIONED
2 CHARACTERS
EXPECTED COMMISSION MONTH (MM) WHEN THE CADET ENROLLS. AFTER COMMISSIONING, THE DATE THE CADET WAS COMMISSIONED

MINITDT INITIAL DUTY TOUR
1 CHARACTER
A=ACTIVE DUTY
V=RESERVE FORCES DUTY (USAR)
G=RESERVE FORCE DUTY (NG)
D=DELAY FOR EDUCATIONAL PURPOSES
C=EARLY COMMISSIONING (USAR)
E=EARLY COMMISSIONING (NG)
S=EARLY COMMISSIONING (IRR)
U=CCSP (USAR)
N=CCSP (NG)
I=CCSP (IRR)
F=PRESENT IN FY82 DATA BUT NOT DOCUMENTED
R=PRESENT IN FY82 DATA BUT NOT DOCUMENTED

MBABR BASIC BRANCH
2 CHARACTERS
FOR CADETS WHO HAVE NOT BEEN COMMISSIONED, BUT HAVE A GUARANTEED BRANCH, THIS IS THE TWO POSITION ALPHA BRANCH CODE. AFTER COMMISSIONING, THIS IS THE TWO POSITION ALPHA CODE WHICH SPECIFIES THE BRANCH ASSIGNED AS SHOWN ON THE LETTER OF APPOINTMENT. IT IS

BLANK IF BRANCH UNASSIGNED
GM=GENERAL MILITARY SCIENCE
AD=AIR DEFENSE ARTILLERY
AR=ARMOR
AV=AVIATION
EN=CORPS OF ENGINEERS
FA=FIELD ARTILLERY
IN=INFANTRY
CM=CHEMICAL CORPS
MI=MILITARY INTELLIGENCE
MP=MILITARY POLICE CORPS
SC=SIGNAL CORPS
AG=ADJUTANT GENERAL'S CORPS
FI=FINANCE CORPS
OD=ORDNANCE CORPS
QM=QUARTERMASTER CORPS
TC=TRANSPORTATION CORPS
SP=ARMY MEDICAL SPECIALIST CORPS
AN=ARMY NURSE CORPS
MS=MEDICAL SERVICE CORPS

MCSBJSMP CADET STATUS BEFORE JOINING SIMULTANEOUS MEMBERSHIP PROGRAM
1 CHARACTER
C=CADET WAS ALREADY ENROLLED IN ROTC BEFORE JOINING THE SMP PROGRAM
G=CADET WAS IN A NATIONAL GUARD UNIT BEFORE JOINING THE ROTC SMP PROGRAM
V=CADET WAS IN A US ARMY RESERVE UNIT BEFORE JOINING THE ROTC SMP PROGRAM
E=PRESENT IN FY85 DATA BUT NOT DOCUMENTED

MUICSMP UNIT IDENTIFICATION CODE, SIMULTANEOUS MEMBERSHIP PROGRAM
6 CHARACTERS
THE UNIT IDENTIFICATION CODE OF THE NATIONAL GUARD OR US ARMY RESERVE UNIT THE CADET IS ASSIGNED TO

MCREDMS1 CREDIT HOURS ENROLLED, SCHOOL YEAR, MS I
2 CHARACTERS
THE CREDIT HOURS COMPLETED FOR MILITARY SCIENCE CLASS I

MCREDMS2 CREDIT HOURS ENROLLED, SCHOOL YEAR, MS II
2 CHARACTERS
THE CREDIT HOURS COMPLETED FOR MILITARY SCIENCE CLASS II

MCREDMS3 CREDIT HOURS ENROLLED, SCHOOL YEAR, MS III
2 CHARACTERS
THE CREDIT HOURS COMPLETED FOR MILITARY SCIENCE CLASS III

MCREDMS4 CREDIT HOURS ENROLLED, SCHOOL YEAR, MS IV
2 CHARACTERS
THE CREDIT HOURS COMPLETED FOR MILITARY SCIENCE CLASS IV

MGPAAMS1 GRADE POINT AVERAGE ACADEMIC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ACADEMIC AVERAGE FOR THE SCHOOL YEAR FOR A CADET IN MILITARY SCIENCE CLASS I

MGPAAMS2 GRADE POINT AVERAGE ACADEMIC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ACADEMIC AVERAGE FOR THE SCHOOL YEAR FOR A CADET IN MILITARY SCIENCE CLASS II

MGPAAMS3 GRADE POINT AVERAGE ACADEMIC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ACADEMIC AVERAGE FOR THE SCHOOL YEAR FOR A CADET IN MILITARY SCIENCE CLASS III

MGPAAMS4 GRADE POINT AVERAGE ACADEMIC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ACADEMIC AVERAGE FOR THE SCHOOL YEAR FOR A CADET IN MILITARY SCIENCE CLASS IV

MGPARMS1 GRADE POINT AVERAGE, ROTC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ROTC GRADE POINT AVERAGE FOR MILITARY SCIENCE CLASS I

MGPARMS2 GRADE POINT AVERAGE, ROTC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ROTC GRADE POINT AVERAGE FOR MILITARY SCIENCE CLASS II

MGPARMS3 GRADE POINT AVERAGE, ROTC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ROTC GRADE POINT AVERAGE FOR MILITARY SCIENCE CLASS III

MGPARMS4 GRADE POINT AVERAGE, ROTC CUMULATIVE
2 CHARACTERS
THE CUMULATIVE ROTC GRADE POINT AVERAGE FOR MILITARY SCIENCE CLASS IV

MZIPHS ZIP CODE, HIGH SCHOOL
5 CHARACTERS
THE FIVE DIGIT ZIP CODE FOR THE ADDRESS OF THE HIGH SCHOOL THAT THE CADET ATTENDED

MZIPHOME ZIP CODE, HOME RECORD
5 CHARACTERS
THE FIVE DIGIT ZIP CODE FOR THE ADDRESS OF THE CADET'S HOME OF RECORD

MOLDSCLR OLD SCHOLARSHIP TYPE
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED
VALUES: 0, 2, 3, 4

MCHGCODE CHANGE CODE
1 CHARACTER
THIS DATA FIELD IS NOT DOCUMENTED BUT IT PROBABLY IS A CODE INDICATING THE TYPE OF TRANSACTION BEING APPLIED TO THE CADET RECORD.
VALUES: A, C

MCHGYY YEAR OF CHANGE
2 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED BUT IT PROBABLY IS THE LAST TWO DIGITS OF THE YEAR IN WHICH A CHANGE WAS MADE TO THE CADET'S RECORD

MCHGMM MONTH OF CHANGE
2 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED BUT IT PROBABLY IS THE MONTH IN WHICH A CHANGE WAS MADE TO THE CADET'S RECORD

MCHGDD DAY OF CHANGE
2 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED BUT IT PROBABLY IS THE DAY IN WHICH A CHANGE WAS MADE TO THE CADET'S RECORD

MCONTRYY YEAR CADET SIGNED CONTRACT
2 CHARACTERS
THE LAST TWO DIGITS OF THE YEAR (YY) THAT THE CADET SIGNED THE ROTC STUDENT CONTRACT

MCONTRMM MONTH CADET SIGNED CONTRACT
2 CHARACTERS
THE MONTH (MM) THAT THE CADET SIGNED THE ROTC STUDENT CONTRACT

MCHGTIME TIME OF CHANGE
4 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED BUT IT PROBABLY IS THE CLOCK TIME AT WHICH A CHANGE WAS MADE TO A CADET'S RECORD

MINIT INITIALS
3 CHARACTERS
THIS DATA FIELD IS NOT DOCUMENTED BUT IT PROBABLY IS THE INITIALS OF THE PERSON CODING THE CHANGE TO THE CADET'S RECORD

MOLRDB OLRDB FLAG
1 CHARACTER
THIS CODE INDICATES WHETHER AN OFFICER LONGITUDINAL RESEARCH DATA BASE(OLRDB) CORE DATA SET RECORD IS PRESENT FOR THIS CADET
Y=AN OLRDB CORE RECORD IS PRESENT FOR THIS CADET
N=NO OLRDB CORE RECORD IS PRESENT FOR THIS CADET

MYEAR YEAR OF COMMISSION DATA
2 CHARACTERS NUMERIC
LAST TWO DIGITS OFTHE YEAR THAT THE ROTC COMMISSION DATA WAS REPORTED

APPENDIX F

COMPUTER PROCEDURE EXAMPLES

```
1.      //EPXSDQQ JOB (WTFF,748,B),FU,REGION=2000K
2.      /*CNTL ROTCTAPE,EXC
3.      /*ACCESS WRZ1KFD
4.      /*ROUTE XEQ TAPE
5.      /*MESSAGE TT
6.      //*     SASFREQ.ROTCCAMP ON FILE45
7.      /*UNNUMBERED
8.      //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
9.      //STEP1 EXEC SAS
10.     //IN DD DSN=TDU6M.PERSNL.YRQQ,UNIT=TAPE,VOL=SER=TT,DISP=OLD,
11.     //  LABEL=(WW,SL)
12.     //SYSIN DD *
13.     *
14.         THIS PROGRAM PRODUCES FREQUENCIES FOR ALL THE VARIABLES IN THE
15.         DATA SET.  THIS IS A FIRST ATTEMPT AT VERIFYING THE INPUT
16.         FORMAT OF THE DATA SET.
17.     ;
18.     DATA CAMPQQ;
19.     INFILE IN;
20.     INPUT  A1   $ 4. A5   $ 9. A14  $ 27. A41  $ 6.
21.      A47  $ 27. A74  $ 1. A75  $ 1. A76  $ 1.
22.      A77  $ 6. A83  $ 1. A84  $ 1. A85  $ 1.
23.      A86  $ 6. A92  $ 1. A93  $ 1. A94  $ 6.
24.      A100 $ 1. A101 $ 1. A102 $ 1. A103 $ 1.
25.      A104 $ 1. A105 $ 3. A108 $ 1. A109 $ 2.
26.      A111 $ 1. A112 $ 1. A113 $ 1. A114 $ 1.
27.      A115 $ 1. A116 $ 1. A117 $ 1. A118 $ 6.
28.      A124 $ 1. A125 $ 1. A126 $ 1. A127 $ 2.
29.      A129 $ 2. A131 $ 1. A132 $ 1. A133 $ 2.
30.      A135 $ 2. A137 $ 2. A139 $ 3. A142 $ 2.
31.      A144 $ 2. A146 $ 2. A148 $ 3. A151 $ 1.
32.      A152 $ 1. A153 $ 1. A154 $ 3. A157 $ 2.
33.      A159 $ 2. A161 $ 4. A165 $ 3. A168 $ 3.
34.      A171 $ 3. A174 $ 3. A177 $ 2. A179 $ 2.
35.      A181 $ 4. A185 $ 3. A188 $ 3. A191 $ 3.
36.      A194 $ 3. A197 $ 1. A198 $ 1. A199 $ 1.
37.      A200 $ 3. A203 $ 1. A204 $ 1. A205 $ 1.
38.      A206 $ 1. A207 $ 2. A209 $ 2. A211 $ 9.
39.      A220 $ 1. A221 $ 3. A224 $ 1. A225 $ 2.
40.      A227 $ 1. @280 A280 $ 2. A282 $ 20.
41.      A302 $ 20. A322 $ 3. A325 $ 3. A328 $ 20.
42.      A348 $ 20. A368 $ 3. A371 $ 3. A374 $ 1.
43.      A375 $ 1. A376 $ 1. A377 $ 1. A378 $ 1.
44.      A379 $ 1. A380 $ 1. A381 $ 16. A396 $ 4.;
45.     PROC FREQ;
```

```
1.      //KFDSD82 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.      /*CNTL ROTCTAPE,EXC
3.      /*ACCESS WRZ1KFD
4.      /*ROUTE XEQ TAPE
5.      /*MESSAGE 083479,W
6.      //*      SASFREQ.ROTCCAMP.Y82 ON FILE45
7.      /*UNNUMBERED
8.      //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
9.      //STEP1 EXEC SAS516
10.     //IN DD DSN=WRZ1KFD.CAMP82,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
12.     //OUT DD DSN=WRZ1KFD.SASCAMP2,UNIT=TAPE,DISP=(,KEEP),LABEL=(1,SL),
13.     //   VOL=SER=083479
14.     //SYSIN DD *
15.     *
16.          THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
17.          SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
18.          TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
19.     ;
20.     DATA OUT.CAMP82;
21.     INFILE IN;
22.     ARRAY RECODE9 CTRPSUPV CTRPTEAM CTRPCOMM CTRPDEC
23.                   CTRPTECH CTRPATTD CTRPCONF CTRPPLAN CTRPMSSN ;
24.     INPUT  CUNIT $ 4. MATCHCOD   $CHAR9. CNAME  $ 27. CINSTH 6.
25.      CINSTHNM  $ 27. CREGION 1. CAREA 1. CSCHLCAT  $ 1.
26.      CINSTX  6. CSEX  $ 1. CRACE  $ 1. CETHNIC  $ 1.
27.      CDOBYY 2. CDOBMM 2. CDOBDD 2.
28.      CRELIGIN  $ 1. CERLA  $ 1.
29.      CALTDAYY 2. CALTDAMM 2. CALTDADD 2.
30.      CMPCLASS $ 1. CPGMTYPE $ 1. CMSCLASS $ 1. CSCHOLAR $ 1.
31.      CACADCLS $ 1. CACADMAJ $ 3. CCOMPRES $ 1. FILLER1 $ 2.
32.      CWAIVER $ 1. CGRFD $ 1. CSMP $ 1. C25MSWIM $ 1.
33.      CCTLT $ 1. CTOBECOM $ 1. CCADSTAT $ 1.
34.      CDROPDYY 2. CDROPDMM 2. CDROPDDD 2.
35.      CCYCLE 1. CSPECMED $ 1. FILLER2 $ 1. CRMIF 2.
36.      CRMRF 2. CRMQ $ 1. CRMQLEVL $ 1. CLNIN 2.
37.      CLNID 2. CLNIW 2. CLNTOTIR 3. FILLER3 $ 2.
38.      CLNRD 2. CLNRW 2. CLNTOTRR 3. CLNWAIV $ 1.
39.      CLNQ $ 1. CLNRECON $ 1. FILLER4 $ 3. CPTIPUR 2.
40.      CPTISUR 2. CPTIMRR 4. CPTIPUTS 3. CPTISUTS 3.
41.      CPTIMRTS 3. CPTITTS 3. CPTRPUR 2. CPTRSUR 2.
42.      CPTRMRR 4. CPTRPUTS 3. CPTRSUTS 3. CPTRMRTS 3.
43.      CPTRTTS 3. CPTWAIVR $ 1. CPTQUAL $ 1. CPTRECON $ 1.
44.      FILLER5 $ 3. CJPPLOR 2. CJPPLNR 2.
45.      CJPPSIZE 2. CTAXRATE $ 2.
46.      CTRPSUPV 1. CTRPTEAM 1. CTRPCOMM 1. CTRPDEC 1.
47.      CTRPTECH 1. CTRPATTD 1. CTRPCONF 1. CTRPPLAN 1.
48.      CTRPMSSN 1.
49.      CTAXGN $ 1. CTAXTR 3. FILLER6 3.
50.      CTAXWAIV $ 1. @280 CROSTER 2. CPRPMV1 2. CPRPMV2 2. CPRPMV3 2.
51.      CPRPMV4 2. CPRPMV5 2. CPRPMV6 2. CPRPMV7 2. CPRPMV8 2. CPRPMV9 2.
52.      CPRPMV10 2.
53.      CPRPLV1 2.  CPRPLV2 2.  CPRPLV3 2.  CPRPLV4 2.  CPRPLV5 2.
54.      CPRPLV6 2.  CPRPLV7 2.  CPRPLV8 2.  CPRPLV9 2.  CPRPLV10 2.
55.      CPRPRAW 3. CPRPASC 3.
56.      CPRRMV1 2.  CPRRMV2 2.  CPRRMV3 2.  CPRRMV4 2.  CPRRMV5 2.
57.      CPRRMV6 2.  CPRRMV7 2.  CPRRMV8 2.  CPRRMV9 2.  CPRRMV10 2.
58.      CPRRLV1 2.  CPRRLV2 2.  CPRRLV3 2.  CPRRLV4 2.  CPRRLV5 2.
59.      CPRRLV6 2.  CPRRLV7 2.  CPRRLV8 2.  CPRRLV9 2.  CPRRLV10 2.
60.      CPRRRAW 3. CPRRASC 3. CRECONRL $ 1.
61.      CRECONRD $ 1. CRECONSL $ 1. CRECONCW $ 1. CRECONQL $ 1.
```

```
62.       FILLER7 $ 1. CCAMPCD 1. ;
63.      IF CMSCLASS = 'C' THEN CMSCLASS = ' ' ;
64.      IF CWAIVER < 'A' THEN CWAIVER = ' ' ;
65.      IF CSMP = 'N' THEN CSMP = 'G' ;
66.         ELSE IF CSMP = 'R' THEN CSMP = 'V' ;
67.      IF C25MSWIM = 'Y' THEN C25MSWIM = 'G' ;
68.      IF CCTLT = 'Y' THEN CCTLT = 'S' ;
69.      IF CTOBECOM = 'Y' THEN CTOBECOM = 'C' ;
70.      IF CSPECMED = 'A' THEN CSPECMED = 'R' ;
71.      IF CRMQ = 'F' THEN CRMQ = 'N' ;
72.      IF CRMQLEVL = 'F' THEN CRMQLEVL = 'N' ;
73.      IF CLNWAIV = 'W' THEN CLNWAIV = 'Y' ;
74.      IF CPTWAIVR = 'W' THEN CPTWAIVR = 'Y' ;
75.      IF CTAXWAIV = 'W' THEN CTAXWAIV = 'Y' ;
76.      DROP FILLER1 FILLER2 FILLER3 FILLER4 FILLER5
77.           FILLER6 FILLER7;
78.      YEAR = 82;
79.      DO OVER RECODE9;
80.         IF RECODE9 = 2 THEN RECODE9 = 1 ;
81.            ELSE IF RECODE9 = 3 THEN RECODE9 = 2 ;
82.            ELSE IF RECODE9 = 4 THEN RECODE9 = 3 ;
83.            ELSE IF RECODE9 = 5 THEN RECODE9 = 4 ;
84.            ELSE IF RECODE9 = 6 OR RECODE9 = 7 THEN RECODE9 = 5;
85.      END;
86.      CTAXTR=CTRPSUPV+CTRPTEAM+CTRPCOMM+CTRPDEC+
87.             CTRPTECH+CTRPATTD+CTRPCONF+CTRPPLAN+CTRPMSSN;
88.      IF CJPDJUDG = '&' THEN CJPDJUDG = ' ';
89.      IF CJPDDEC = '&' THEN CJPDDEC = ' ';
90.      IF CJPDINIT = '&' THEN CJPDINIT = ' ';
```

```
1.    //KFDSD83 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.    /*CNTL ROTCTAPE,EXC
3.    /*ACCESS WRZ1KFD
4.    /*ROUTE XEQ TAPE
5.    /*MESSAGE 083479,W
6.    //*     SASFREQ.ROTCCAMP.Y83 ON FILE45
7.    /*UNNUMBERED
8.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
9.    //STEP1 EXEC SAS516
10.   //IN DD DSN=WRZ1KFD.CAMP83,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
11.   //OUT DD DSN=WRZ1KFD.SASCAMP3,UNIT=TAPE,DISP=(,KEEP),LABEL=(2,SL),
12.   //  VOL=SER=083479
13.   //SYSIN DD *
14.   *
15.        THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
16.        SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
17.        TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
18.   ;
19.   DATA OUT.CAMP83;
20.   INFILE IN;
21.   ARRAY RECODE9 CTRPSUPV CTRPTEAM CTRPCOMM CTRPDEC
22.                 CTRPTECH CTRPATTD CTRPCONF CTRPPLAN CTRPMSSN ;
23.   INPUT  CUNIT $ 4. MATCHCOD   $CHAR9. CNAME  $ 27. CINSTH 6.
24.    CINSTHNM  $ 27. CREGION 1. CAREA 1. CSCHLCAT  $ 1.
25.    CINSTX  6. CSEX  $ 1. CRACE  $ 1. CETHNIC  $ 1.
26.    CDOBYY 2. CDOBMM 2. CDOBDD 2.
27.    CRELIGIN  $ 1. CERLA  $ 1.
28.    CALTDAYY 2. CALTDAMM 2. CALTDADD 2.
29.    CMPCLASS $ 1. CPGMTYPE $ 1. CMSCLASS $ 1. CSCHOLAR $ 1.
30.    CACADCLS $ 1. CACADMAJ $ 3. CCOMPRES $ 1. FILLER1 $ 2.
31.    CWAIVER $ 1. CGRFD $ 1. CSMP $ 1. C25MSWIM $ 1.
32.    CCTLT $ 1. CTOBECOM $ 1. CCADSTAT $ 1.
33.    CDROPDYY 2. CDROPDMM 2. CDROPDDD 2.
34.    CCYCLE 1. CSPECMED $ 1. FILLER2 $ 1. CRMIF 2.
35.    CRMRF 2. CRMQ $ 1. CRMQLEVL $ 1. CLNIN 2.
36.    CLNID 2. CLNIW 2. CLNTOTIR 3. FILLER3 $ 2.
37.    CLNRD 2. CLNRW 2. CLNTOTRR 3. CLNWAIV $ 1.
38.    CLNQ $ 1. CLNRECON $ 1. FILLER4 $ 3. CPTIPUR 2.
39.    CPTISUR 2. CPTIMRR 4. CPTIPUTS 3. CPTISUTS 3.
40.    CPTIMRTS 3. CPTITTS 3. CPTRPUR 2. CPTRSUR 2.
41.    CPTRMRR 4. CPTRPUTS 3. CPTRSUTS 3. CPTRMRTS 3.
42.    CPTRTTS 3. CPTWAIVR $ 1. CPTQUAL $ 1. CPTRECON $ 1.
43.    FILLER5 $ 3. CJPPLOR 2. CJPPLNR 2.
44.    CJPPSIZE 2. CTAXRATE $ 2.
45.    CTRPSUPV 1. CTRPTEAM 1. CTRPCOMM 1. CTRPDEC 1.
46.    CTRPTECH 1. CTRPATTD 1. CTRPCONF 1. CTRPPLAN 1.
47.    CTRPMSSN 1.
48.    CTAXGN $ 1. CTAXTR 3. FILLER6 3.
49.    CTAXWAIV $ 1. @280 CROSTER 2. CPRPMV1 2. CPRPMV2 2. CPRPMV3 2.
50.    CPRPMV4 2. CPRPMV5 2. CPRPMV6 2. CPRPMV7 2. CPRPMV8 2. CPRPMV9 2.
51.    CPRPMV10 2.
52.    CPRPLV1 2.  CPRPLV2 2.  CPRPLV3 2.  CPRPLV4 2.  CPRPLV5 2.
53.    CPRPLV6 2.  CPRPLV7 2.  CPRPLV8 2.  CPRPLV9 2.  CPRPLV10 2.
54.    CPRPRAW 3. CPRPASC 3.
55.    CPRRMV1 2.  CPRRMV2 2.  CPRRMV3 2.  CPRRMV4 2.  CPRRMV5 2.
56.    CPRRMV6 2.  CPRRMV7 2.  CPRRMV8 2.  CPRRMV9 2.  CPRRMV10 2.
57.    CPRRLV1 2.  CPRRLV2 2.  CPRRLV3 2.  CPRRLV4 2.  CPRRLV5 2.
58.    CPRRLV6 2.  CPRRLV7 2.  CPRRLV8 2.  CPRRLV9 2.  CPRRLV10 2.
59.    CPRRRAW 3. CPRRASC 3. CRECONRL $ 1.
60.    CRECONRD $ 1. CRECONSL $ 1. CRECONCW $ 1. CRECONQL $ 1.
```

```
      FILLER7 $ 1. CCAMPCD 1. ;
     IF CMSCLASS = 'C' THEN CMSCLASS = ' ' ;
     IF CWAIVER < 'A' THEN CWAIVER = ' ' ;
     IF CSMP = 'N' THEN CSMP = 'G' ;
        ELSE IF CSMP = 'R' THEN CSMP = 'V' ;
     IF C25MSWIM = 'Y' THEN C25MSWIM = 'G' ;
     IF CCTLT = 'Y' THEN CCTLT = 'S' ;
     IF CTOBECOM = 'Y' THEN CTOBECOM = 'C' ;
     IF CSPECMED = 'A' THEN CSPECMED = 'R' ;
     IF CRMQ = 'F' THEN CRMQ = 'N' ;
     IF CRMQLEVL = 'F' THEN CRMQLEVL = 'N' ;
     IF CLNWAIV = 'W' THEN CLNWAIV = 'Y' ;
     IF CPTWAIVR = 'W' THEN CPTWAIVR = 'Y' ;
     IF CTAXWAIV = 'W' THEN CTAXWAIV = 'Y' ;
     DROP FILLER1 FILLER2 FILLER3 FILLER4 FILLER5
          FILLER6 FILLER7;
     YEAR = 83;
     DO OVER RECODE9;
        IF RECODE9 = 2 THEN RECODE9 = 1 ;
           ELSE IF RECODE9 = 3 THEN RECODE9 = 2 ;
           ELSE IF RECODE9 = 4 THEN RECODE9 = 3 ;
           ELSE IF RECODE9 = 5 THEN RECODE9 = 4 ;
           ELSE IF RECODE9 = 6 OR RECODE9 = 7 THEN RECODE9 = 5;
     END;
     CTAXTR=CTRPSUPV+CTRPTEAM+CTRPCOMM+CTRPDEC+
            CTRPTECH+CTRPATTD+CTRPCONF+CTRPPLAN+CTRPMSSN;
     IF CJPDJUDG = '&' THEN CJPDJUDG = ' ';
     IF CJPDDEC = '&' THEN CJPDDEC = ' ';
     IF CJPDINIT = '&' THEN CJPDINIT = ' ';
```

```
1.      //KFDSD84 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.      /*CNTL ROTCTAPE,EXC
3.      /*ACCESS WRZ1KFD
4.      /*ROUTE XEQ TAPE
5.      /*MESSAGE 083479,W
6.      //*      SASFREQ.ROTCCAMP.Y842 ON FILE45
7.      /*UNNUMBERED
8.      //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
9.      //STEP1 EXEC SAS516
10.     //IN DD DSN=WRZ1KFD.CAMP84,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
11.     //OUT DD DSN=WRZ1KFD.SASCAMP4,UNIT=TAPE,DISP=(,KEEP),LABEL=(3,SL),
12.     //  VOL=SER=083479
13      //SYSIN DD *
14.     *
15          THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
16          SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
17          TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
18      ;
19      DATA OUT.CAMP84;
20      INFILE IN;
21      INPUT  CUNIT $ 4. MATCHCOD   $CHAR9. CNAME  $ 27. CINSTH 6.
22       CINSTHNM  $ 27. CREGION 1. CAREA 1. CSCHLCAT  $ 1.
23       CINSTX  6. CSEX  $ 1. CRACE  $ 1. CETHNIC  $ 1.
24       CDOBYY 2. CDOBMM 2. CDOBDD 2.
25       CRELIGIN  $ 1. CERLA  $ 1.
26       CALTDAYY 2. CALTDAMM 2. CALTDADD 2.
27       CMPCLASS $ 1. CPGMTYPE $ 1. CMSCLASS $ 1. CSCHOLAR $ 1.
28       CACADCLS $ 1. CACADMAJ $ 3. CCOMPRES $ 1. FILLER1 $ 2.
29        WAIVER $ 1. CGRFD $ 1. CSMP $ 1. C25MSWIM $ 1.
30          TLT $ 1. CTOBECOM $ 1. CCADSTAT $ 1.
31        DROPDYY 2. CDROPDMM 2. CDROPDDD 2.
32          E 1. CSPECMED $ 1. FILLER2 $ 1. CRMIF 2.
33        RMRF 2. CRMQ $ 1. CRMQLEVL $ 1. CLNIN 2.
34         N 2. CLNIW 2. CLNTOTIR 3. FILLER3 $ 2.
35         N 2. CLNRW 2. CLNTOTRR 3. CLNWAIV $ 1.
36         N 1. CLNRECON $ 1. FILLER4 $ 3. CPTIPUR 2.
37           2. CPTIMRR 4. CPTIPUTS 3. CPTISUTS 3.
38           3. CPTITTS 3. CPTRPUR 2. CPTRSUR 2.
39           . CPTRPUTS 3. CPTRSUTS 3. CPTRMRTS 3.
40             PTWAIVR $ 1. CPTQUAL $ 1. CPTRECON $ 1.
41               1. CJPPLOR 1. CJPPLOP 1. CJPPLNR 1. CJPPLNP 1.
42                 TAXRATE $ 2.
43                 TRETEAM 1. CTRPCOMM 1. CTRPDEC 1.
44                 TRPATTD 1. CTRPCONF 1. CTRPPLAN 1.
45
46                  1. FILLER6 3.
47                   ROSTER 2. CPRPMV1 2. CPRPMV2 2. CPRPMV3 2.
48                     CPRPMV6 2. CPRPMV7 2. CPRPMV8 2. CPRPMV9 2.
49
50                       CPRPLV3 2.  CPRPLV4 2.  CPRPLV5 2.
51                       CPRPLV8 2.  CPRPLV9 2.  CPRPLV10 2.
52
53                       CPRRMV3 2.  CPRRMV4 2.  CPRRMV5 2.
54                       CPRRMV8 2.  CPRRMV9 2.  CPRRMV10 2.
55                       CPRRLV3 2.  CPRRLV4 2.  CPRRLV5 2.
56                       CPRRLV8 2.  CPRRLV9 2.  CPRRLV10 2.
57                     $ 1
58                        1. CRECONQL $ 1.
```

PROCEDURE #3 - CAMP FILE
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READ AND RECODE ANNUAL FILES

```
61.   IF CMSCLASS = 'C' THEN CMSCLASS = ' ' ;
62.   IF CWAIVER < 'A' THEN CWAIVER = ' ' ;
63.   IF CSMP = 'N' THEN CSMP = 'G' ;
64.     ELSE IF CSMP = 'R' THEN CSMP = 'V' ;
65.   IF C25MSWIM = 'Y' THEN C25MSWIM = 'G' ;
66.   IF CCTLT = 'Y' THEN CCTLT = 'S' ;
67.   IF CTOBECOM = 'Y' THEN CTOBECOM = 'C' ;
68.   IF CSPECMED = 'A' THEN CSPECMED = 'R' ;
69.   IF CRMQ = 'F' THEN CRMQ = 'N' ;
70.   IF CRMQLEVL = 'F' THEN CRMQLEVL = 'N' ;
71.   IF CLNWAIV = 'W' THEN CLNWAIV = 'Y' ;
72.   IF CPTWAIVR = 'W' THEN CPTWAIVR = 'Y' ;
73.   IF CTAXWAIV = 'W' THEN CTAXWAIV = 'Y' ;
74.   DROP FILLER1 FILLER2 FILLER3 FILLER4 FILLER5
75.        FILLER6 FILLER7;
76.   YEAR = 84;
77.   CTAXTR=CTRPSUPV+CTRPTEAM+CTRPCOMM+CTRPDEC+
78.          CTRPTECH+CTRPATTD+CTRPCONF+CTRPPLAN+CTRPMSSN;
79.   IF CJPDJUDG = '&' THEN CJPDJUDG = ' ';
80.   IF CJPDDEC = '&' THEN CJPDDEC = ' ';
81.   IF CJPDINIT = '&' THEN CJPDINIT = ' ';
```

```
1.    //KFDSD85 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.    /*CNTL ROTCTAPE,EXC
3.    /*ACCESS WRZ1KFD
4.    /*ROUTE XEQ TAPE
5.    /*MESSAGE 083479,W
6.    //*     SASFREQ.ROTCCAMP.Y852 ON FILE45
7.    /*UNNUMBERED
8.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
9.    //STEP1 EXEC SAS
10.   //IN DD DSN=WRZ1KFD.CAMP85,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
11.   //OUT DD DSN=WRZ1KFD.SASCAMP5,UNIT=TAPE,DISP=(,KEEP),LABEL=(4,SL),
12.   //  VOL=SER=083479
13.   //SYSIN DD *
14.   *
15.        THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
16.        SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
17.        TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
18.   ;
19.   DATA OUT.CAMP85;
20.   INFILE IN;
21.   INPUT  CUNIT $ 4. MATCHCOD   $CHAR9. CNAME  $ 27. CINSTH 6.
22.    CINSTHNM  $ 27. CREGION 1. CAREA 1. CSCHLCAT  $ 1.
23.    CINSTX  6. CSEX  $ 1. CRACE  $ 1. CETHNIC  $ 1.
24.    CDOBYY 2. CDOBMM 2. CDOBDD 2.
25.    CRELIGIN  $ 1. CERLA  $ 1.
26.    CALTDAYY 2. CALTDAMM 2. CALTDADD 2.
27.    CMPCLASS $ 1. CPGMTYPE $ 1. CMSCLASS $ 1. CSCHOLAR $ 1.
28.    CACADCLS $ 1. CACADMAJ $ 3. CCOMPRES $ 1. FILLER1 $ 2.
29.    CWAIVER $ 1. CGRFD $ 1. CSMP $ 1. C25MSWIM $ 1.
30.    CCTLT $ 1. CTOBECOM $ 1. CCADSTAT $ 1.
31.    CDROPDYY 2. CDROPDMM 2. CDROPDDD 2.
32.    CCYCLE 1. CSPECMED $ 1. FILLER2 $ 1. CRMIF 2.
33.    CRMRF 2. CRMQ $ 1. CRMQLEVL $ 1. CLNIN 2.
34.    CLNID 2. CLNIW 2. CLNTOTIR 3. FILLER3 $ 2.
35.    CLNRD 2. CLNRW 2. CLNTOTRR 3. CLNWAIV $ 1.
36.    CLNQ $ 1. CLNRECON $ 1. FILLER4 $ 3. CPTIPUR 2.
37.    CPTISUR 2. CPTIMRR 4. CPTIPUTS 3. CPTISUTS 3.
38.    CPTIMRTS 3. CPTITTS 3. CPTRPUR 2. CPTRSUR 2.
39.    CPTRMRR 4. CPTRPUTS 3. CPTRSUTS 3. CPTRMRTS 3.
40.    CPTRTTS 3. CPTWAIVR $ 1. CPTQUAL $ 1. CPTRECON $ 1.
41.    FILLER5 $ 3. CJPPLOR 1. CJPPLOP 1. CJPPLNR 1. CJPPLNP 1.
42.    CJPPSIZE 2. CTAXRATE $ 2.
43.    CTRPSUPV 1. CTRPTEAM 1. CTRPCOMM 1. CTRPDEC 1.
44.    CTRPTECH 1. CTRPATTD 1. CTRPCONF 1. CTRPPLAN 1.
45.    CTRPMSSN 1.
46.    CTAXGN $ 1. CTAXTR 3. FILLER6 3.
47.    CTAXWAIV $ 1. @280 CROSTER 2. CPRPMV1 2. CPRPMV2 2. CPRPMV3 2.
48.    CPRPMV4 2. CPRPMV5 2. CPRPMV6 2. CPRPMV7 2. CPRPMV8 2. CPRPMV9 2.
49.    CPRPMV10 2.
50.    CPRPLV1 2.  CPRPLV2 2.  CPRPLV3 2.  CPRPLV4 2.  CPRPLV5 2.
51.    CPRPLV6 2.  CPRPLV7 2.  CPRPLV8 2.  CPRPLV9 2.  CPRPLV10 2.
52.    CPRPRAW 3. CPRPASC 3.
53.    CPRRMV1 2.  CPRRMV2 2.  CPRRMV3 2.  CPRRMV4 2.  CPRRMV5 2.
54.    CPRRMV6 2.  CPRRMV7 2.  CPRRMV8 2.  CPRRMV9 2.  CPRRMV10 2.
55.    CPRRLV1 2.  CPRRLV2 2.  CPRRLV3 2.  CPRRLV4 2.  CPRRLV5 2.
56.    CPRRLV6 2.  CPRRLV7 2.  CPRRLV8 2.  CPRRLV9 2.  CPRRLV10 2.
57.    CPRRRAW 3. CPRRASC 3. CRECONRL $ 1.
58.    CRECONRD $ 1. CRECONSL $ 1. CRECONCW $ 1. CRECONQL $ 1.
59.    FILLER7 $ 1. CCAMPCD 1.
60.    (CJPDPLAN CJPDPROB CJPDORAL CJPDJUDG
```

```
61.       CJPDDEC CJPDINIT CJPDDELG CJPDINFL
62.       CJPDADMN CJPDTECH CJPDSENS CJPDSTAM
63.       CJPDMSSN CJPDFOLL CJPDWRTN CJPDPRES)($ 1.);
64.     IF CMSCLASS = 'C' THEN CMSCLASS = ' ' ;
65.     IF CWAIVER < 'A' THEN CWAIVER = ' ' ;
66.     IF CSMP = 'N' THEN CSMP = 'G' ;
67.        ELSE IF CSMP = 'R' THEN CSMP = 'V' ;
68.     IF C25MSWIM = 'Y' THEN C25MSWIM = 'G' ;
69.     IF CCTLT = 'Y' THEN CCTLT = 'S' ;
70.     IF CTOBECOM = 'Y' THEN CTOBECOM = 'C' ;
71.     IF CSPECMED = 'A' THEN CSPECMED = 'R' ;
72.     IF CRMQ = 'F' THEN CRMQ = 'N' ;
73.     IF CRMQLEVL = 'F' THEN CRMQLEVL = 'N' ;
74.     IF CLNWAIV = 'W' THEN CLNWAIV = 'Y' ;
75.     IF CPTWAIVR = 'W' THEN CPTWAIVR = 'Y' ;
76.     IF CTAXWAIV = 'W' THEN CTAXWAIV = 'Y' ;
77.     DROP FILLER1 FILLER2 FILLER3 FILLER4 FILLER5
78.          FILLER6 FILLER7;
79.     YEAR = 85;
80.     CTAXTR=CTRPSUPV+CTRPTEAM+CTRPCOMM+CTRPDEC+
81.            CTRPTECH+CTRPATTD+CTRPCONF+CTRPPLAN+CTRPMSSN;
82.     IF CJPDJUDG = '&' THEN CJPDJUDG = ' ';
83.     IF CJPDDEC = '&' THEN CJPDDEC = ' ';
84.     IF CJPDINIT = '&' THEN CJPDINIT = ' ';
```

```
1.      //KFDS8285 JOB (WRZ1,748,C,1000,1000),FU,REGION=6000K
1.1     /*ACCESS WTFFEPX
2.      /*ROUTE XEQ TAPE
3.      /*MESSAGE 083479;028610;037423,W;030265,W;084625,W;009342,W
4.      //*      SASFREQ.ROTCCAMP.Y8285.MATCH.NONAME2 ON FILE45
5.      /*UNNUMBERED
6.      //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.      //STEP1 EXEC SAS516
8.      //IN82 DD DSN=WRZ1KFD.SASCAMP2,UNIT=TAPE,DISP=(OLD,PASS),LABEL=(1,SL),
9.      //   VOL=SER=083479
10.     //IN83 DD DSN=WRZ1KFD.SASCAMP3,UNIT=TAPE,DISP=(OLD,PASS),LABEL=(2,SL),
11.     //   VOL=SER=083479
12.     //IN84 DD DSN=WRZ1KFD.SASCAMP4,UNIT=TAPE,DISP=(OLD,PASS),LABEL=(3,SL),
13.     //   VOL=SER=083479
14.     //IN85 DD DSN=WRZ1KFD.SASCAMP5,UNIT=TAPE,DISP=(OLD,KEEP),LABEL=(4,SL),
15.     //   VOL=SER=083479
16.     //IN DD DSN=WTFFEPX.SASOLRDS,UNIT=TAPE,VOL=SER=028610,DISP=OLD
17.     //OUT DD DSN=WRZ1KFD.SASWORK,UNIT=TAPE,DISP=(,KEEP),VOL=SER=037423
18.     //OUT1 DD DSN=WRZ1KFD.SASCAMP,UNIT=TAPE,DISP=(,KEEP),VOL=SER=030265
19.     //OUT2 DD DSN=WRZ1KFD.SASCAMPS,UNIT=TAPE,DISP=(,KEEP),VOL=SER=084625
20.     //OUT3 DD DSN=WRZ1KFD.SMTCAMP,UNIT=TAPE,DISP=(,KEEP),VOL=SER=009342
20.1    //SASLIB DD DSN=WRZ1KFD.OMF85.FORMATS,DISP=SHR
21.     //SYSIN DD *
22.     *
23.          THIS PROGRAM MERGES ROTC CAMP DATA FROM 1982 THROUGH 1985,
24.          DELETE DUPLICATE RECORDS, AND CREATES A MATCHED DATA SET
25.          WITH THE OLRDB.
26.     ;
27.     DATA C82;
28.     SET IN82.CAMP82;
29.     DATA C83;
30.     SET IN83.CAMP83;
31.     DATA C84;
32.     SET IN84.CAMP84;
33.     DATA C85;
34.     SET IN85.CAMP85;
35.     DATA OUT.CAMPALL;
36.     SET C82 C83 C84 C85;
37.     PROC SORT OUT=OUT1.CAMPALL;
38.        BY MATCHCOD DESCENDING YEAR;
39.     DATA OUT2.CAMPALLS;
40.     SET OUT1.CAMPALL;
41.     RETAIN OLDCODE;
42.     IF OLDCODE = MATCHCOD THEN DELETE;
43.     OLDCODE = MATCHCOD;
45.     DATA INCORE(KEEP=MATCHCOD);
46.        SET IN.CORE;
47.     DATA OUT3.CORECAMP;
48.     MERGE OUT2.CAMPALLS(IN=CAMPFLAG) INCORE(IN=COREFLAG);
49.        BY MATCHCOD;
50.     DROP CNAME YEAR OLDCODE;
51.     CYEAR=YEAR;
52.     IF CAMPFLAG = 1;
53.     COLRDB = COREFLAG;
54.     PROC CONTENTS;
```

```
1.    //EPXS8285 JOB (WTFF,748,C,1000,1000),FU,REGION=6000K
2.    /*ROUTE XEQ TAPE
3.    /*MESSAGE 006881
4.    //*     SASFREQ.ROTCCAMP.Y8285.MATCH.FREQ ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN DD DSN=WTFFEPX.SMTCAMP,UNIT=TAPE,DISP=OLD,VOL=SER=006881
9.    //SYSIN DD *
10.   *
11.        THIS PROGRAM LISTS FREQUECIES OF THE VARIABLES IN THE CAMP
12.        DATA SET.
13.   ;
14.   PROC FREQ DATA=IN.CORECAMP;
15.   TABLES CUNIT  CINSTH
16.    CINSTHNM   CREGION  CAREA  CSCHLCAT
17.    CINSTX   CSEX   CRACE   CETHNIC
18.    CDOBYY  CDOBMM  CDOBDD
19.    CRELIGIN   CERLA
20.    CALTDAYY  CALTDAMM  CALTDADD
21.    CMPCLASS  CPGMTYPE  CMSCLASS  CSCHOLAR
22.    CACADCLS  CACADMAJ  CCOMPRES
23.    CWAIVER  CGRFD  CSMP  C25MSWIM
24.    CCTLT  CTOBECOM  CCADSTAT
25.    CDROPDYY  CDROPDMM  CDROPDDD
26.    CCYCLE  CSPECMED   CRMIF
27.    CRMRF  CRMQ  CRMQLEVL  CLNIN
28.    CLNID  CLNIW  CLNTOTIR
29.    CLNRD  CLNRW  CLNTOTRR  CLNWAIV
30.    CLNQ  CLNRECON   CPTIPUR
31.    CPTISUR  CPTIMRR  CPTIPUTS  CPTISUTS
32.    CPTIMRTS  CPTITTS  CPTRPUR  CPTRSUR
33.    CPTRMRR  CPTRPUTS  CPTRSUTS  CPTRMRTS
34.    CPTRTTS  CPTWAIVR  CPTQUAL  CPTRECON
35.      CJPPLOR  CJPPLOP  CJPPLNR  CJPPLNP
36.    CJPPSIZE  CTAXRATE
37.    CTRPSUPV  CTRPTEAM  CTRPCOMM  CTRPDEC
38.    CTRPTECH  CTRPATTD  CTRPCONF  CTRPPLAN
39.    CTRPMSSN
40.    CTAXGN  CTAXTR
41.    CTAXWAIV  CROSTER  CPRPMV1  CPRPMV2  CPRPMV3
42.    CPRPMV4  CPRPMV5  CPRPMV6  CPRPMV7  CPRPMV8  CPRPMV9
43.    CPRPMV10
44.    CPRPLV1   CPRPLV2   CPRPLV3   CPRPLV4   CPRPLV5
45.    CPRPLV6   CPRPLV7   CPRPLV8   CPRPLV9   CPRPLV10
46.    CPRPRAW  CPRPASC
47.    CPRRMV1   CPRRMV2   CPRRMV3   CPRRMV4   CPRRMV5
48.    CPRRMV6   CPRRMV7   CPRRMV8   CPRRMV9   CPRRMV10
49.    CPRRLV1   CPRRLV2   CPRRLV3   CPRRLV4   CPRRLV5
50.    CPRRLV6   CPRRLV7   CPRRLV8   CPRRLV9   CPRRLV10
51.    CPRRRAW  CPRRASC  CRECONRL
52.    CRECONRD  CRECONSL  CRECONCW  CRECONQL
53.     CCAMPCD
54.   CJPDPLAN CJPDPROB CJPDORAL CJPDJUDG
55.     CJPDDEC CJPDINIT CJPDDELG CJPDINFL
56.     CJPDADMN CJPDTECH CJPDSENS CJPDSTAM
57.     CJPDMSSN CJPDFOLL CJPDWRTN CJPDPRES CYEAR;
58.   PROC CONTENTS DATA=IN.CORECAMP;
```

```
1.    //EPXSCRET JOB (WTFF,748),FU
2.    /*ROUTE XEQ TAPE
3.    /*MESSAGE 006881
4.    //*     SASFREQ.ROTCCAMP.Y8285.MATCH.RET ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN DD DSN=WTFFEPX.SMTCAMP,UNIT=TAPE,DISP=OLD,VOL=SER=006881
9.    //SYSIN DD *
10.   *
11.       THIS PROGRAM INVOKES THE MATCHED CAMP - OLRDB DATA SET AND
12.       DOES A RETENTION RATE ANALYSIS.
13.   ;
14.   DATA;
15.   SET IN.CORECAMP;
16.   IF CSCHOLAR = 0 THEN CSCH = 0 ;
17.      ELSE CSCH = 1 ;
18.   LABEL RETN7980 = 'RETENTION RATE 1979 TO 1980'
19.         RETN8081 = 'RETENTION RATE 1980 TO 1981'
20.         RETN8182 = 'RETENTION RATE 1981 TO 1982'
21.         RETN8283 = 'RETENTION RATE 1982 TO 1983'
22.         RETN8384 = 'RETENTION RATE 1983 TO 1984'
23.         RETN8485 = 'RETENTION RATE 1984 TO 1985'
24.         RETN8586 = 'RETENTION RATE 1985 TO 1986'
25.         RETN8687 = 'RETENTION RATE 1986 TO 1987'
26.         RETN8788 = 'RETENTION RATE 1987 TO 1988'
27.         RETN8889 = 'RETENTION RATE 1988 TO 1989'
28.         CSCH = 'SCHOLARSHIP FLAG';
29.   KEEP CSCH
30.        RETN7980 RETN8081 RETN8182 RETN8283
31.        RETN8384 RETN8485 RETN8586 RETN8687
32.        RETN8788 RETN8889 ;
33.   PROC SORT; BY CSCH;
34.   PROC MEANS N MEAN SUM;
35.   VAR  RETN7980 RETN8081 RETN8182 RETN8283
36.        RETN8384 RETN8485 RETN8586 RETN8687
37.        RETN8788 RETN8889 ;
38.   BY CSCH;
39.   TITLE 'RETENTION RATES BY SCHOLARSHIP STATUS';
```

```
1.      //EPXSDQQ JOB (WTFF,748,C,,1000),FU,REGION=6000K
2.      /*CNTL ROTCTAPE,EXC
3.      /*ACCESS WRZ1KFD
4.      /*ROUTE XEQ TAPE
5.      /*MESSAGE 015993
6.      //*     SASFREQ.ROTCPERS ON FILE45
7.      /*UNNUMBERED
8.      //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
9.      //STEP1 EXEC SAS
10.     //IN DD DSN=G5CDJ6M.PERS.FYQQ,UNIT=TAPE,VOL=SER=015993,DISP=OLD,
11.     //  LABEL=(WW,SL)
12.     //SYSIN DD *
13.     *
14.         THIS PROGRAM PRODUCES FREQUENCIES FOR ALL THE VARIABLES IN THE
15.         DATA SET.  THIS IS A FIRST ATTEMPT AT VERIFYING THE INPUT
16.         FORMAT OF THE DATA SET.
17.     ;
18.     DATA PERSQQ;
19.     INFILE IN;
20.     INPUT  A1   $ 1. A2   $ 9. A11  $ 6. A17  $ 1.
21.      A18  $ 27. A45  $ 1. A46  $ 1. A47  $ 1.
22.      A48  $ 1. A49  $ 1. A50  $ 1. A51  $ 1.
23.      A52  $ 2. A54  $ 1. A55  $ 1. A56  $ 1.
24.      A57  $ 1. A58  $ 6. A64  $ 1. A65  $ 1.
25.      A66  $ 1. A67  $ 1. A68  $ 1. A69  $ 1.
26.      A70  $ 1. A71  $ 3. A74  $ 3. A77  $ 1.
27.      A78  $ 2. A80  $ 2. A82  $ 1. A83  $ 2.
28.      A85  $ 1. A86  $ 2. A88  $ 2. A90  $ 2.
29.      A92  $ 2. A94  $ 2. A96  $ 2. A98  $ 2.
30.      A100 $ 1. A101 $ 2. A103 $ 2. A105 $ 2.
31.      A107 $ 2. A109 $ 2. A111 $ 2. A113 $ 2.
32.      A115 $ 1. A116 $ 1. A117 $ 1. A118 $ 1.
33.      A119 $ 2. A121 $ 2. A123 $ 1. A124 $ 1.
34.      A125 $ 1. A126 $ 1. A127 $ 1. A128 $ 1.
35.      A129 $ 1. A130 $ 1. A131 $ 1. A132 $ 1.
36.      A133 $ 2. A135 $ 2. A137 $ 3. A140 $ 1.
37.      A141 $ 2. A143 $ 2. A145 $ 6. A151 $ 2.
38.      A153 $ 3. A156 $ 1. A157 $ 2. A159 $ 2.
39.      A161 $ 2. A163 $ 1. A164 $ 1. A165 $ 1.
40.      A166 $ 1. A167 $ 2. A169 $ 1. A170 $ 3.
41.      A173 $ 4. A177 $ 3. A180 $ 3. A183 $ 1.
42.      A184 $ 1. A185 $ 1. A186 $ 1. A187 $ 1.
43.      A188 $ 2. A190 $ 2. A192 $ 1. A193 $ 1.
44.      A194 $ 1. A195 $ 1. A196 $ 5. A201 $ 1.
45.      A202 $ 2. A204 $ 2. A206 $ 2. A208 $ 2.
46.      A210 $ 2. A212 $ 2. A214 $ 2. A216 $ 2.
47.      A218 $ 2. A220 $ 2. A222 $ 2. A224 $ 2.
48.      A226 $ 5. A231 $ 5. A236 $ 1. A237 $ 1.
49.      A238 $ 2. A240 $ 2. A242 $ 2. A244 $ 2.
50.      A246 $ 2. A248 $ 3. ;
51.     PROC FREQ;
```

```
1.    //KFDSD82 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.    /*CNTL ROTCTAPE,EXC
3.    /*MESSAGE 084451,W
4.    /*ROUTE XEQ TAPE
5.    //*     SASFREQ.ROTCPERS.Y8221887 ON FILE45
6.    /*UNNUMBERED
7.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
8.    //STEP1 EXEC SAS
9.    //IN DD DSN=WRZ1KFD.COMM82,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
10.   //OUT DD DSN=WRZ1KFD.SASCOM82,UNIT=TAPE,DISP=(,KEEP),VOL=SER=084451
11.   //SYSIN DD *
12.   *
13.        THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
14.        SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
15.        TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
16.   ;
17.   DATA OUT.PERS82;
18.   ARRAY AARRAY $ GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
19.    GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4;
20.   ARRAY BARRAY MGPAACUR MGPARCUR MGPAAMS1 MGPARMS1 MGPAAMS2
21.    MGPARMS2 MGPAAMS3 MGPARMS3 MGPAAMS4 MGPARMS4;
22.   INFILE IN;
23.   INPUT MDELETE $ 1. MATCHCOD $CHAR9. MINSTH $ 6.
24.    MREGION $ 1. MNAME $ 27. MSEX $ 1. MRACE $ 1.
25.    METHNIC $ 1. MCADSTAT $ 1. MMSCLASS $ 1. MPGMTYPE $ 1.
26.    MSAWARD $ 1. MYRSAWRD $ 2. MHITUITN $ 1. MSCHLAID $ 1.
27.    MPROBSTS $ 1. MSCHLCAT $ 1. MINSTX $ 6. MYRSAMJC $ 1.
28.    MYRSAMI $ 1. MYRSAHS $ 1. MYRSANDC $ 1. MYRSOMI $ 1.
29.    MYRSOHS $ 1. MMPCLASS $ 1. MMPASERV $ 3. MDENSLOS $ 3.
30.    MMSCTERM $ 1. MTERMYY $ 2. MTERMMM $ 2. MINITMSC $ 1.
31.    MYRENTER $ 2. MBASIS $ 1. MBLVYY $ 2. MBLVMM $ 2.
32.    MELVYY $ 2. MELVMM $ 2. MDOBYY $ 2. MDOBMM $ 2.
33.    MDOBDD $ 2. MACADCLS $ 1. MPBYY $ 2. MPBMM $ 2.
34.    MEPYY $ 2. MEPMM $ 2. MSAWDCAT $ 2. MBCONDYY $ 2.
35.    MBCONDMM $ 2. FILLER1 $ 1. METNCODE $ 1. MSCLRCOD $ 1.
36.    MACADCOD $ 1. MSTATE $ 2. MAUTHBR $ 2. MCOMPRES $ 1.
37.    MDATA124 $ 1. MREENTRY $ 1. MCAMPADV $ 1. MCAMPTAB $ 1. MTRNVOL $ 1.
38.    MCTLT $ 1. FILLER3 $ 1. MSMP $ 1. MGBRST $ 1. MGRADYY $ 2.
39.    MGRADMM $ 2. MACADMAJ $ 3. MMAJCHNG $ 1. GPAACUR $ 3.
40.    GPARCUR $ 3. MGRPDCTL $ 6. MSGSTAS $ 3.
41.    MNACSTAT $ 1. MNACYY $ 2. MNACMM $ 2. MNACDD $ 2.
42.    MBISTAT $ 1. MSBISTAT $ 1. FILLER6 $ 1. MACTENG $ 2.
43.    MACTMATH $ 2. MSACTTOT $ 3. MSATVERB $ 3. MSATMATH $ 3.
44.    MMS3TEST $ 1. MSCEBS2 $ 3. MEBTTFRM $ 1. MWAIVER $ 1.
45.    MDMSTUD $ 1. MDMGRAD $ 1. MCOMAWRD $ 1. MCOMMYY $ 2.
46.    MCOMMMM $ 2. MINITDT $ 1. MBABR $ 2. MCSBJSMP $ 1.
47.    MUICSMP $ 6. FILLER7 $ 1. MCREDMS1 $ 2. MCREDMS2 $ 2. MCREDMS3 $ 2.
48.    MCREDMS4 $ 2. GPAAMS1 $ 3. GPARMS1 $ 3. GPAAMS2 $ 3.
49.    GPARMS2 $ 3. GPAAMS3 $ 3. GPARMS3 $ 3. GPAAMS4 $ 3.
50.    GPARMS4 $ 3. MTRF $ 1. MOLDSCLR $ 1.
51.    MCHGCODE $ 1. MCHGYY $ 2. MCHGMM $ 2. MCHGDD $ 2.
52.    MCHGTIME 4. MINIT $ 3.;
53.   IF MYRSAWRD = '**' THEN MYRSAWRD = '  ';
54.   IF MMPCLASS = 'W' THEN MMPCLASS = ' ';
55.   IF MBLVYY = '00' THEN MBLVYY = '  ';
56.   IF MBLVMM = '00' THEN MBLVMM = '  ';
57.   IF MELVYY = '00' THEN MELVYY = '  ';
58.   IF MELVMM = '00' THEN MELVMM = '  ';
59.   IF MREENTRY = 'Y' THEN MREENTRY = 'R';
60.   IF MCTLT = 'N' THEN MCTLT = 'G';
```

```
61.          ELSE IF MCTLT = 'R' THEN MCTLT = 'V';
62.          ELSE IF MCTLT = 'Y' THEN MCTLT = ' ';
63.       IF MSMP = 'N' THEN MSMP = 'G';
64.          ELSE IF MSMP = 'R' THEN MSMP = 'V';
65.       IF MGBRST = 'N' THEN MGBRST = ' ';
66.          ELSE IF MGBRST = 'Y' THEN MGBRST = 'G';
67.       DO OVER AARRAY;
68.       IF AARRAY = 'PAS' THEN BARRAY = 1.5;
69.          ELSE IF AARRAY = 'A' THEN BARRAY = 4;
70.          ELSE IF AARRAY = 'B' THEN BARRAY = 3;
71.          ELSE IF AARRAY > '400' THEN BARRAY = 4;
72.          ELSE BARRAY = AARRAY / 100;
73.       END;
74.       IF MNACSTAT = 'Y' THEN MNACSTAT = 'C';
75.          ELSE IF MNACSTAT = 'I' THEN MNACSTAT = 'S';
76.       IF MBISTAT = 'I' THEN MBISTAT = 'S';
77.       IF MSBISTAT = 'I' THEN MSBISTAT = 'S';
78.       MSSATTOT = MSATVERB + MSATMATH;
79.       IF MWAIVER = '*' OR MWAIVER < 'A' THEN MWAIVER = ' ';
80.       IF MDMSTUD = 'N' THEN MDMSTUD = ' ';
81.          ELSE IF MDMSTUD = 'Y' THEN MDMSTUD = 'S';
82.       IF MDMGRAD = 'N' THEN MDMGRAD = ' ';
83.          ELSE IF MDMGRAD = 'Y' THEN MDMGRAD = 'G';
84.       IF MCSBJSMP = 'R' THEN MCSBJSMP = 'V';
85.       IF MCHGTIME >= 2400 THEN DO;
86.          MCONTRYY = INT(MCHGTIME/100);
87.          MCONTRMM = MCHGTIME - MCONTRYY * 100;
88.          MCHGTIME = .;
89.       END;
90.       IF MHITUITN = 'N' THEN MHITUITN = ' ';
91.          ELSE IF MHITUITN = 'Y' THEN MHITUITN = 'T';
92.       IF MSCHLAID = 'Y' THEN MSCHLAID = 'S';
93.       DROP GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
94.        GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4
95.        MDELETE FILLER1 FILLER3 FILLER6 FILLER7;
96.       YEAR=82;
97.       PROC FREQ;
```

```
1.    //KFDSD83 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.    /*CNTL ROTCTAPE,EXC
3.    /*ROUTE XEQ TAPE
4.    /*MESSAGE 084451,W
5.    //*     SASFREQ.ROTCPERS.Y8321887 ON FILE45
6.    /*UNNUMBERED
7.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
8.    //STEP1 EXEC SAS
9.    //IN DD DSN=WRZ1KFD.COMM83,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
10.   //OUT DD DSN=WRZ1KFD.SASCOM83,UNIT=TAPE,VOL=SER=084451,LABEL=(2,SL),
11.   //  DISP=(,KEEP)
12.   //SYSIN DD *
13.   *
14.        THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
15.        SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
16.        TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
17.   ;
18.   DATA OUT.PERS83;
19.   ARRAY AARRAY $ GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
20.    GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4;
21.   ARRAY BARRAY MGPAACUR MGPARCUR MGPAAMS1 MGPARMS1 MGPAAMS2
22.    MGPARMS2 MGPAAMS3 MGPARMS3 MGPAAMS4 MGPARMS4;
23.   INFILE IN;
24.   INPUT MDELETE $ 1. MATCHCOD $CHAR9. MINSTH $ 6.
25.    MREGION $ 1. MNAME $ 27. MSEX $ 1. MRACE $ 1.
26.    METHNIC $ 1. MCADSTAT $ 1. MMSCLASS $ 1. MPGMTYPE $ 1.
27.    MSAWARD $ 1. MYRSAWRD $ 2. MHITUITN $ 1. MSCHLAID $ 1.
28.    MPROBSTS $ 1. MSCHLCAT $ 1. MINSTX $ 6. MYRSAMJC $ 1.
29.    MYRSAMI $ 1. MYRSAHS $ 1. MYRSANDC $ 1. MYRSOMI $ 1.
30.    MYRSOHS $ 1. MMPCLASS $ 1. MMPASERV $ 3. MDENSLOS $ 3.
31.    MMSCTERM $ 1. MTERMYY $ 2. MTERMMM $ 2. MINITMSC $ 1.
32.    MYRENTER $ 2. MBASIS $ 1. MBLVYY $ 2. MBLVMM $ 2.
33.    MELVYY $ 2. MELVMM $ 2. MDOBYY $ 2. MDOBMM $ 2.
34.    MDOBDD $ 2. MACADCLS $ 1. MPBYY $ 2. MPBMM $ 2.
35.    MEPYY $ 2. MEPMM $ 2. MSAWDCAT $ 2. MBCONDYY $ 2.
36.    MBCONDMM $ 2. FILLER1 $ 1. METNCODE $ 1. MSCLRCOD $ 1.
37.    MACADCOD $ 1. MSTATE $ 2. MAUTHBR $ 2. MCOMPRES $ 1.
38.    MDATA124 $ 1. MREENTRY $ 1. MCAMPADV $ 1. MCAMPTAB $ 1. MTRNVOL $ 1.
39.    MCTLT $ 1. FILLER3 $ 1. MSMP $ 1. MGBRST $ 1. MGRADYY $ 2.
40.    MGRADMM $ 2. MACADMAJ $ 3. MMAJCHNG $ 1. GPAACUR $ 2.
41.    GPARCUR $ 2. MGRPDCTL $ 6. FILLER5 $ 2. MSGSTAS $ 3.
42.    MNACSTAT $ 1. MNACYY $ 2. MNACMM $ 2. MNACDD $ 2.
43.    MBISTAT $ 1. MSBISTAT $ 1. MTRF $ 1. MLANGPL $ 1.
44.    MLANGID $ 2. MFLANGR $ 1. MSACTTOT $ 3. MSSATTOT 4.
45.    FILLER4 $ 2. MMS3TEST $ 1. MSCEBS2 $ 3. MEBTTFRM $ 1. MWAIVER $ 1.
46.    MDMSTUD $ 1. MDMGRAD $ 1. MCOMAWRD $ 1. MCOMMYY $ 2.
47.    MCOMMMM $ 2. MINITDT $ 1. MBABR $ 2. MCSBJSMP $ 1.
48.    MUICSMP $ 6. MCREDMS1 $ 2. MCREDMS2 $ 2. MCREDMS3 $ 2.
49.    MCREDMS4 $ 2. GPAAMS1 $ 2. GPARMS1 $ 2. GPAAMS2 $ 2.
50.    GPARMS2 $ 2. GPAAMS3 $ 2. GPARMS3 $ 2. GPAAMS4 $ 2.
51.    GPARMS4 $ 2. MZIPHS $ 5. MZIPHOME $ 5. MOLDSCLR $ 1.
52.    MCHGCODE $ 1. MCHGYY $ 2. MCHGMM $ 2. MCHGDD $ 2.
53.    MCHGTIME 4. MINIT $ 3.;
54.   IF MYRSAWRD = '**' THEN MYRSAWRD = '  ';
55.   IF MMPCLASS = 'W' THEN MMPCLASS = ' ';
56.   IF MBLVYY = '00' THEN MBLVYY = '  ';
57.   IF MBLVMM = '00' THEN MBLVMM = '  ';
58.   IF MELVYY = '00' THEN MELVYY = '  ';
59.   IF MELVMM = '00' THEN MELVMM = '  ';
60.   IF MREENTRY = 'Y' THEN MREENTRY = 'R';
```

```
61.      IF MCTLT = 'N' THEN MCTLT = 'G';
62.         ELSE IF MCTLT = 'R' THEN MCTLT = 'V';
63.         ELSE IF MCTLT = 'Y' THEN MCTLT = ' ';
64.      IF MSMP = 'N' THEN MSMP = 'G';
65.         ELSE IF MSMP = 'R' THEN MSMP = 'V';
66.      IF MGBRST = 'N' THEN MGBRST = ' ';
67.         ELSE IF MGBRST = 'Y' THEN MGBRST = 'G';
68.      DO OVER AARRAY;
69.      IF AARRAY = 'PAS' THEN BARRAY = 1.5;
70.         ELSE IF AARRAY = 'A' THEN BARRAY = 4;
71.         ELSE IF AARRAY = 'B' THEN BARRAY = 3;
72.         ELSE IF AARRAY > '40' THEN BARRAY = 4;
73.         ELSE BARRAY = AARRAY / 10;
74.      END;
75.      IF MNACSTAT = 'Y' THEN MNACSTAT = 'C';
76.         ELSE IF MNACSTAT = 'I' THEN MNACSTAT = 'S';
77.      IF MBISTAT = 'I' THEN MBISTAT = 'S';
78.      IF MSBISTAT = 'I' THEN MSBISTAT = 'S';
79.      IF MWAIVER = '*' OR MWAIVER < 'A' THEN MWAIVER = ' ';
80.      IF MDMSTUD = 'N' THEN MDMSTUD = ' ';
81.         ELSE IF MDMSTUD = 'Y' THEN MDMSTUD = 'S';
82.      IF MDMGRAD = 'N' THEN MDMGRAD = ' ';
83.         ELSE IF MDMGRAD = 'Y' THEN MDMGRAD = 'G';
84.      IF MCSBJSMP = 'R' THEN MCSBJSMP = 'V';
85.      IF MCHGTIME >= 2400 THEN DO;
86.         MCONTRYY = INT(MCHGTIME/10);
87.         MCONTRMM = MCHGTIME - MCONTRYY * 100;
88.         MCHGTIME = .;
89.      END;
90.      DROP GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
91.       GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4
92.       MDELETE FILLER1 FILLER3 FILLER4 FILLER5;
93.      YEAR=83;
94.      PROC FREQ;
```

```
1.    //KFDSD84 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.    /*CNTL ROTCTAPE,EXC
3.    /*ROUTE XEQ TAPE
4.    /*MESSAGE 084451,W
5.    //*     SASFREQ.ROTCPERS.Y8421887 ON FILE45
6.    /*UNNUMBERED
7.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
8.    //STEP1 EXEC SAS
9.    //IN DD DSN=WRZ1KFD.COMM84,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
10.   //OUT DD DSN=WRZ1KFD.SASCOM84,UNIT=TAPE,VOL=SER=084451,LABEL=(3,SL),
11.   //  DISP=(,KEEP)
12.   //SYSIN DD *
13.   *
14.        THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
15.        SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
16.        TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
17.   ;
18.   DATA OUT.PERS84;
19.   ARRAY AARRAY $ GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
20.    GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4;
21.   ARRAY BARRAY MGPAACUR MGPARCUR MGPAAMS1 MGPARMS1 MGPAAMS2
22.    MGPARMS2 MGPAAMS3 MGPARMS3 MGPAAMS4 MGPARMS4;
23.   INFILE IN;
24.   INPUT MDELETE $ 1. MATCHCOD $CHAR9. MINSTH $ 6.
25.    MREGION $ 1. MNAME $ 27. MSEX $ 1. MRACE $ 1.
26.    METHNIC $ 1. MCADSTAT $ 1. MMSCLASS $ 1. MPGMTYPE $ 1.
27.    MSAWARD $ 1. MYRSAWRD $ 2. MHITUITN $ 1. MSCHLAID $ 1.
28.    MPROBSTS $ 1. MSCHLCAT $ 1. MINSTX $ 6. MYRSAMJC $ 1.
29.    MYRSAMI $ 1. MYRSAHS $ 1. MYRSANDC $ 1. MYRSOMI $ 1.
30.    MYRSOHS $ 1. MMPCLASS $ 1. MMPASERV $ 3. MDENSLOS $ 3.
31.    MMSCTERM $ 1. MTERMYY $ 2. MTERMMM $ 2. MINITMSC $ 1.
32.    MYRENTER $ 2. MBASIS $ 1. MBLVYY $ 2. MBLVMM $ 2.
33.    MELVYY $ 2. MELVMM $ 2. MDOBYY $ 2. MDOBMM $ 2.
34.    MDOBDD $ 2. MACADCLS $ 1. MPBYY $ 2. MPBMM $ 2.
35.    MEPYY $ 2. MEPMM $ 2. MSAWDCAT $ 2. MBCONDYY $ 2.
36.    MBCONDMM $ 2. FILLER1 $ 1. METNCODE $ 1. MSCLRCOD $ 1.
37.    MACADCOD $ 1. MSTATE $ 2. MAUTHBR $ 2. MCOMPRES $ 1.
38.    MDATA124 $ 1. MREENTRY $ 1. MCAMPADV $ 1. MCAMPTAB $ 1. MTRNVOL $ 1.
39.    MCTLT $ 1. FILLER3 $ 1. MSMP $ 1. MGBRST $ 1. MGRADYY $ 2.
40.    MGRADMM $ 2. MACADMAJ $ 3. MMAJCHNG $ 1. GPAACUR $ 2.
41.    GPARCUR $ 2. MGRPDCTL $ 6. FILLER5 $ 2. MSGSTAS $ 3.
42.    MNACSTAT $ 1. MNACYY $ 2. MNACMM $ 2. MNACDD $ 2.
43.    MBISTAT $ 1. MSBISTAT $ 1. MTRF $ 1. MLANGPL $ 1.
44.    MLANGID $ 2. MFLANGR $ 1. MSACTTOT $ 3. MSSATTOT 4.
45.    FILLER4 $ 2. MMS3TEST $ 1. MSCEBS2 $ 3. MEBTTFRM $ 1. MWAIVER $ 1.
46.    MDMSTUD $ 1. MDMGRAD $ 1. MCOMAWRD $ 1. MCOMMYY $ 2.
47.    MCOMMMM $ 2. MINITDT $ 1. MBABR $ 2. MCSBJSMP $ 1.
48.    MUICSMP $ 6. MCREDMS1 $ 2. MCREDMS2 $ 2. MCREDMS3 $ 2.
49.    MCREDMS4 $ 2. GPAAMS1 $ 2. GPARMS1 $ 2. GPAAMS2 $ 2.
50.    GPARMS2 $ 2. GPAAMS3 $ 2. GPARMS3 $ 2. GPAAMS4 $ 2.
51.    GPARMS4 $ 2. MZIPHS $ 5. MZIPHOME $ 5. MOLDSCLR $ 1.
52.    MCHGCODE $ 1. MCHGYY $ 2. MCHGMM $ 2. MCHGDD $ 2.
53.    MCHGTIME 4. MINIT $ 3.;
54.   IF MYRSAWRD = '**' THEN MYRSAWRD = '  ';
55.   IF MMPCLASS = 'W' THEN MMPCLASS = ' ';
56.   IF MBLVYY = '00' THEN MBLVYY = '  ';
57.   IF MBLVMM = '00' THEN MBLVMM = '  ';
58.   IF MELVYY = '00' THEN MELVYY = '  ';
59.   IF MELVMM = '00' THEN MELVMM = '  ';
60.   IF MREENTRY = 'Y' THEN MREENTRY = 'R';
```

```
61.      IF MCTLT = 'N' THEN MCTLT = 'G';
62.         ELSE IF MCTLT = 'R' THEN MCTLT = 'V';
63.         ELSE IF MCTLT = 'Y' THEN MCTLT = ' ';
64.      IF MSMP = 'N' THEN MSMP = 'G';
65.         ELSE IF MSMP = 'R' THEN MSMP = 'V';
66.      IF MGBRST = 'N' THEN MGBRST = ' ';
67.         ELSE IF MGBRST = 'Y' THEN MGBRST = 'G';
68.      DO OVER AARRAY;
69.      IF AARRAY = 'PAS' THEN BARRAY = 1.5;
70.         ELSE IF AARRAY = 'A' THEN BARRAY = 4;
71.         ELSE IF AARRAY = 'B' THEN BARRAY = 3;
72.         ELSE IF AARRAY > '40' THEN BARRAY = 4;
73.         ELSE BARRAY = AARRAY / 10;
74.      END;
75.      IF MNACSTAT = 'Y' THEN MNACSTAT = 'C';
76.         ELSE IF MNACSTAT = 'I' THEN MNACSTAT = 'S';
77.      IF MBISTAT = 'I' THEN MBISTAT = 'S';
78.      IF MSBISTAT = 'I' THEN MSBISTAT = 'S';
79.      IF MWAIVER = '*' OR MWAIVER < 'A' THEN MWAIVER = ' ';
80.      IF MDMSTUD = 'N' THEN MDMSTUD = ' ';
81.         ELSE IF MDMSTUD = 'Y' THEN MDMSTUD = 'S';
82.      IF MDMGRAD = 'N' THEN MDMGRAD = ' ';
83.         ELSE IF MDMGRAD = 'Y' THEN MDMGRAD = 'G';
84.      IF MCSBJSMP = 'R' THEN MCSBJSMP = 'V';
85.      IF MCHGTIME >= 2400 THEN DO;
86.         MCONTRYY = INT(MCHGTIME/100);
87.         MCONTRMM = MCHGTIME - MCONTRYY * 100;
88.         MCHGTIME = .;
89.      END;
90.      DROP GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
91.       GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4
92.       MDELETE FILLER1 FILLER3 FILLER4 FILLER5;
93.      YEAR=84;
94.      PROC FREQ;
```

```
1.    //KFDSD85 JOB (WRZ1,748,C,,1000),FU,REGION=6000K
2.    /*CNTL ROTCTAPE,EXC
3.    /*ROUTE XEQ TAPE
4.    /*MESSAGE 084451,W
5.    //*     SASFREQ.ROTCPERS.Y8521887 ON FILE45
6.    /*UNNUMBERED
7.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
8.    //STEP1 EXEC SAS
9.    //IN DD DSN=WRZ1KFD.COMM85,UNIT=FILE,VOL=SER=TMP005,DISP=SHR
10.   //OUT DD DSN=WRZ1KFD.SASCOM85,UNIT=TAPE,VOL=SER=084451,LABEL=(4,SL),
11.   //  DISP=(,KEEP)
12.   //SYSIN DD *
13.   *
14.        THIS PROGRAM CONVERTS THE RAW DATA SET WHICH HAS SCRAMBLED
15.        SOCIAL SECURITY NUMBERS TO A SAS DATA SET.  RECODES ARE PERFORMED
16.        TO MAKE VARIABLES CONSISTENT ACROSS YEARS.
17.   ;
18.   DATA OUT.PERS85;
19.   ARRAY AARRAY $ GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
20.    GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4;
21.   ARRAY BARRAY MGPAACUR MGPARCUR MGPAAMS1 MGPARMS1 MGPAAMS2
22.    MGPARMS2 MGPAAMS3 MGPARMS3 MGPAAMS4 MGPARMS4;
23.   INFILE IN;
24.   INPUT MDELETE $ 1. MATCHCOD $CHAR9. MINSTH $ 6.
25.    MREGION $ 1. MNAME $ 27. MSEX $ 1. MRACE $ 1.
26.    METHNIC $ 1. MCADSTAT $ 1. MMSCLASS $ 1. MPGMTYPE $ 1.
27.    MSAWARD $ 1. MYRSAWRD $ 2. MHITUITN $ 1. MSCHLAID $ 1.
28.    MPROBSTS $ 1. MSCHLCAT $ 1. MINSTX $ 6. MYRSAMJC $ 1.
29.    MYRSAMI $ 1. MYRSAHS $ 1. MYRSANDC $ 1. MYRSOMI $ 1.
30.    MYRSOHS $ 1. MMPCLASS $ 1. MMPASERV $ 3. MDENSLOS $ 3.
31.    MMSCTERM $ 1. MTERMYY $ 2. MTERMMM $ 2. MINITMSC $ 1.
32.    MYRENTER $ 2. MBASIS $ 1. MBLVYY $ 2. MBLVMM $ 2.
33.    MELVYY $ 2. MELVMM $ 2. MDOBYY $ 2. MDOBMM $ 2.
34.    MDOBDD $ 2. MACADCLS $ 1. MPBYY $ 2. MPBMM $ 2.
35.    MEPYY $ 2. MEPMM $ 2. MSAWDCAT $ 2. MBCONDYY $ 2.
36.    MBCONDMM $ 2. FILLER1 $ 1. METNCODE $ 1. MSCLRCOD $ 1.
37.    MACADCOD $ 1. MSTATE $ 2. MAUTHBR $ 2. MCOMPRES $ 1.
38.    MDATA124 $ 1. MREENTRY $ 1. MCAMPADV $ 1. MCAMPTAB $ 1. MTRNVOL $ 1.
39.    MCTLT $ 1. FILLER3 $ 1. MSMP $ 1. MGBRST $ 1. MGRADYY $ 2.
40.    MGRADMM $ 2. MACADMAJ $ 3. MMAJCHNG $ 1. GPAACUR $ 2.
41.    GPARCUR $ 2. MGRPDCTL $ 6. MDASGCOP $ 2. MSGSTAS $ 3.
42.    MNACSTAT $ 1. MNACYY $ 2. MNACMM $ 2. MNACDD $ 2.
43.    MBISTAT $ 1. MSBISTAT $ 1. MTRF $ 1. MLANGPL $ 1.
44.    MLANGID $ 2. MFLANGR $ 1. MSACTTOT $ 3. MSSATTOT 4.
45.    FILLER4 $ 2. MMS3TEST $ 1. MSCEBS2 $ 3. MEBTTFRM $ 1. MWAIVER $ 1.
46.    MDMSTUD $ 1. MDMGRAD $ 1. MCOMAWRD $ 1. MCOMMYY $ 2.
47.    MCOMMMM $ 2. MINITDT $ 1. MBABR $ 2. MCSBJSMP $ 1.
48.    MUICSMP $ 6. MCREDMS1 $ 2. MCREDMS2 $ 2. MCREDMS3 $ 2.
49.    MCREDMS4 $ 2. GPAAMS1 $ 2. GPARMS1 $ 2. GPAAMS2 $ 2.
50.    GPARMS2 $ 2. GPAAMS3 $ 2. GPARMS3 $ 2. GPAAMS4 $ 2.
51.    GPARMS4 $ 2. MZIPHS $ 5. MZIPHOME $ 5. MOLDSCLR $ 1.
52.    MCHGCODE $ 1. MCHGYY $ 2. MCHGMM $ 2. MCHGDD $ 2.
53.    MCONTRYY 2. MCONTRMM 2. MINIT $ 3.;
54.   IF MYRSAWRD = '**' THEN MYRSAWRD = '  ';
55.   IF MMPCLASS = 'W' THEN MMPCLASS = ' ';
56.   IF MBLVYY = '00' THEN MBLVYY = '  ';
57.   IF MBLVMM = '00' THEN MBLVMM = '  ';
58.   IF MELVYY = '00' THEN MELVYY = '  ';
59.   IF MELVMM = '00' THEN MELVMM = '  ';
60.   IF MREENTRY = 'Y' THEN MREENTRY = 'R';
```

```
61.      IF MCTLT = 'N' THEN MCTLT = 'G';
62.         ELSE IF MCTLT = 'R' THEN MCTLT = 'V';
63.         ELSE IF MCTLT = 'Y' THEN MCTLT = ' ';
64.      IF MSMP = 'N' THEN MSMP = 'G';
65.         ELSE IF MSMP = 'R' THEN MSMP = 'V';
66.      IF MGBRST = 'N' THEN MGBRST = ' ';
67.         ELSE IF MGBRST = 'Y' THEN MGBRST = 'G';
68.      DO OVER AARRAY;
69.      IF AARRAY = 'PAS' THEN BARRAY = 1.5;
70.         ELSE IF AARRAY = 'A' THEN BARRAY = 4;
71.         ELSE IF AARRAY = 'B' THEN BARRAY = 3;
72.         ELSE IF AARRAY > '40' THEN BARRAY = 4;
73.         ELSE BARRAY = AARRAY / 10;
74.      END;
75.      IF MNACSTAT = 'Y' THEN MNACSTAT = 'C';
76.         ELSE IF MNACSTAT = 'I' THEN MNACSTAT = 'S';
77.      IF MBISTAT = 'I' THEN MBISTAT = 'S';
78.      IF MSBISTAT = 'I' THEN MSBISTAT = 'S';
79.      IF MWAIVER = '*' OR MWAIVER < 'A' THEN MWAIVER = ' ';
80.      IF MDMSTUD = 'N' THEN MDMSTUD = ' ';
81.         ELSE IF MDMSTUD = 'Y' THEN MDMSTUD = 'S';
82.      IF MDMGRAD = 'N' THEN MDMGRAD = ' ';
83.         ELSE IF MDMGRAD = 'Y' THEN MDMGRAD = 'G';
84.      IF MCSBJSMP = 'R' THEN MCSBJSMP = 'V';
85.      IF MCONTRYY < 24 THEN DO;
86.         MCHGTIME = MCONTRYY * 100 + MCONTRMM;
87.         MCONTRYY = .;
88.         MCONTRMM = .;
89.      END;
90.      DROP GPAACUR GPARCUR GPAAMS1 GPARMS1 GPAAMS2
91.       GPARMS2 GPAAMS3 GPARMS3 GPAAMS4 GPARMS4
92.       MDELETE FILLER1 FILLER3 FILLER4;
93.      YEAR=85;
94.      PROC FREQ;
```

```
1.    //KFDS825M JOB (WRZ1,748,C,1000,1000),FU,REGION=6000K
2.    /*ROUTE XEQ TAPE
2.1   /*ROUTE XEQ MSS
2.2   /*ACCESS WTFFEPX
3.    /*MESSAGE 084451;028610;058147,W;058436,W;058098,W;059674,W
4.    //*     SASFREQ.ROTCCOMM.Y8285.MATCH.NONAME ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN82 DD DSN=WRZ1KFD.SASCOM82,UNIT=TAPE,DISP=(OLD,PASS),LABEL=(1,SL),
9.    //   VOL=SER=084451
10.   //IN83 DD DSN=WRZ1KFD.SASCOM83,UNIT=TAPE,DISP=(OLD,PASS),LABEL=(2,SL),
11.   //   VOL=SER=084451
12.   //IN84 DD DSN=WRZ1KFD.SASCOM84,UNIT=TAPE,DISP=(OLD,PASS),LABEL=(3,SL),
13.   //   VOL=SER=084451
14.   //IN85 DD DSN=WRZ1KFD.SASCOM85,UNIT=TAPE,DISP=(OLD,KEEP),LABEL=(4,SL),
15.   //   VOL=SER=084451
16.   //IN DD DSN=WTFFEPX.SASOLRDS,UNIT=TAPE,VOL=SER=028610,DISP=OLD
17.   //OUT DD DSN=WRZ1KFD.SASWORKC,UNIT=TAPE,DISP=(,KEEP),VOL=SER=059674
18.   //OUT1 DD DSN=WRZ1KFD.SASCOMM,UNIT=TAPE,DISP=(,KEEP),VOL=SER=058436
19.   //OUT2 DD DSN=WRZ1KFD.SASCOMMS,UNIT=TAPE,DISP=(,KEEP),VOL=SER=058147
20.   //OUT3 DD DSN=WRZ1KFD.SMTCOMM,UNIT=TAPE,DISP=(,KEEP),VOL=SER=058098
20.1  //SASLIB DD DSN=WRZ1KFD.OMF85.FORMATS,DISP=SHR
21.   //SYSIN DD *
22.   *
23.        THIS PROGRAM MERGES ROTC CAMP DATA FROM 1982 THROUGH 1985,
24.        DELETE DUPLICATE RECORDS, AND CREATES A MATCHED DATA SET
25.        WITH THE OLRDB.
26.   ;
27.   DATA C82;
28.   SET IN82.PERS82;
29.   DATA C83;
30.   SET IN83.PERS83;
31.   DATA C84;
32.   SET IN84.PERS84;
33.   DATA C85;
34.   SET IN85.PERS85;
35.   DATA OUT.COMMALL;
36.   SET C82 C83 C84 C85;
37.   PROC SORT OUT=OUT1.COMMALL;
38.      BY MATCHCOD DESCENDING YEAR;
39.   DATA OUT2.COMMALLS;
40.   SET OUT1.COMMALL;
41.   RETAIN OLDCODE;
42.   IF OLDCODE = MATCHCOD THEN DELETE;
43.   OLDCODE = MATCHCOD;
45.   DATA INCORE(KEEP=MATCHCOD);
46.      SET IN.CORE;
47.   DATA OUT3.CORECOMM;
48.   MERGE OUT2.COMMALLS(IN=COMMFLAG) INCORE(IN=COREFLAG);
49.      BY MATCHCOD;
50.   DROP MNAME YEAR OLDCODE;
51.   IF COMMFLAG = 1;
52.   MOLRDB = COREFLAG;
53.   MYEAR = YEAR;
54.   PROC CONTENTS;
```

```
1.    //EPXS825M JOB (WTFF,748,C,1000,1000),FU,REGION=6000K
2.    /*ROUTE XEQ TAPE
3.    /*MESSAGE 012896
4.    //*     SASFREQ.ROTCCOMM.Y8285.MATCH.FREQ ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN DD DSN=WTFFEPX.SMTCOMM,UNIT=TAPE,DISP=OLD,VOL=SER=012896
9.    //SYSIN DD *
10.   *
11.        THIS PROGRAM LISTS FREQUECIES OF THE VARIABLES IN THE CAMP
12.        DATA SET.
13.   ;
14.   PROC FREQ DATA=IN.CORECOMM;
15.   TABLES  MINSTH
16.    MREGION    MSEX  MRACE
17.    METHNIC  MCADSTAT  MMSCLASS  MPGMTYPE
18.    MSAWARD  MYRSAWRD  MHITUITN  MSCHLAID
19.    MPROBSTS  MSCHLCAT  MINSTX  MYRSAMJC
20.    MYRSAMI  MYRSAHS  MYRSANDC  MYRSOMI
21.    MYRSOHS  MMPCLASS  MMPASERV  MDENSLOS
22.    MMSCTERM  MTERMYY  MTERMMM  MINITMSC
23.    MYRENTER  MBASIS  MBLVYY  MBLVMM
24.    MELVYY  MELVMM  MDOBYY  MDOBMM
25.    MDOBDD  MACADCLS  MPBYY  MPBMM
26.    MEPYY  MEPMM  MSAWDCAT  MBCONDYY
27.    MBCONDMM    METNCODE  MSCLRCOD
28.    MACADCOD  MSTATE  MAUTHBR  MCOMPRES
29.    MDATA124  MREENTRY  MCAMPADV  MCAMPTAB  MTRNVOL
30.    MCTLT    MSMP  MGBRST  MGRADYY
31.    MGRADMM  MACADMAJ  MMAJCHNG
32.    MGRPDCTL  MDASGCOP  MSGSTAS
33.    MNACSTAT  MNACYY  MNACMM  MNACDD
34.    MBISTAT  MSBISTAT  MTRF  MLANGPL
35.    MLANGID  MFLANGR  MSACTTOT  MSSATTOT
36.     MMS3TEST  MSCEBS2  MEBTTFRM  MWAIVER
37.    MDMSTUD  MDMGRAD  MCOMAWRD  MCOMMYY
38.    MCOMMMM  MINITDT  MBABR  MCSBJSMP
39.    MUICSMP  MCREDMS1  MCREDMS2  MCREDMS3
40.    MCREDMS4  MGPAAMS1  MGPARMS1  MGPAAMS2
41.    MGPARMS2  MGPAAMS3  MGPARMS3  MGPAAMS4
42.    MGPARMS4  MZIPHS  MZIPHOME  MOLDSCLR
43.    MCHGCODE  MCHGYY  MCHGMM  MCHGDD
44.    MCONTRYY  MCONTRMM  MINIT  MCHGTIME
45.    MACTENG MACTMATH MSATVERB MSATMATH
46.    MYEAR * FLAGCORE;
47.   PROC CONTENTS DATA=IN.CORECOMM;
```

```
1.    //EPXSMRET JOB (WTFF,748),FU
2.    /*ROUTE XEQ TAPE
3.    /*MESSAGE 012896
4.    //*     SASFREQ.ROTCCOMM.Y8285.MATCH.RET ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN DD DSN=WTFFEPX.SMTCOMM,UNIT=TAPE,DISP=OLD,VOL=SER=012896
9.    //SYSIN DD *
10.   *
11.       THIS PROGRAM INVOKES THE MATCHED COMMISSIONED - OLRDB DATA
12.       SET AND DOES A RETENTION RATE ANALYSIS.
13.   ;
14.   DATA;
15.   SET IN.CORECOMM;
16.   IF MSAWARD = 0 THEN MSCH = 0 ;
17.      ELSE MSCH = 1 ;
18.   LABEL RETN7980 = 'RETENTION RATE 1979 TO 1980'
19.         RETN8081 = 'RETENTION RATE 1980 TO 1981'
20.         RETN8182 = 'RETENTION RATE 1981 TO 1982'
21.         RETN8283 = 'RETENTION RATE 1982 TO 1983'
22.         RETN8384 = 'RETENTION RATE 1983 TO 1984'
23.         RETN8485 = 'RETENTION RATE 1984 TO 1985'
24.         RETN8586 = 'RETENTION RATE 1985 TO 1986'
25.         RETN8687 = 'RETENTION RATE 1986 TO 1987'
26.         RETN8788 = 'RETENTION RATE 1987 TO 1988'
27.         RETN8889 = 'RETENTION RATE 1988 TO 1989'
28.         MSCH = 'SCHOLARSHIP FLAG';
29.   KEEP MSCH
30.        RETN7980 RETN8081 RETN8182 RETN8283
31.        RETN8384 RETN8485 RETN8586 RETN8687
32.        RETN8788 RETN8889 ;
33.   PROC SORT; BY MSCH;
34.   PROC MEANS N MEAN SUM;
35.   VAR  RETN7980 RETN8081 RETN8182 RETN8283
36.        RETN8384 RETN8485 RETN8586 RETN8687
37.        RETN8788 RETN8889 ;
38.   BY MSCH;
39.   TITLE 'RETENTION RATES BY SCHOLARSHIP STATUS - COMMISSION';
```

```
1.    //EPXSMRET JOB (WTFF,748),FU
2.    /*ROUTE XEQ TAPE
3.    /*MESSAGE 012896
4.    //*     SASFREQ.ROTCCOMM.Y8285.MATCH.RET ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN DD DSN=WTFFEPX.SMTCOMM,UNIT=TAPE,DISP=OLD,VOL=SER=012896
9.    //SYSIN DD *
10.   *
11.       THIS PROGRAM INVOKES THE MATCHED COMMISSIONED - OLRDB DATA
12.       SET AND DOES A RETENTION RATE ANALYSIS.
13.   ;
14.   DATA;
15.   SET IN.CORECOMM;
16.   IF MSAWARD = 0 THEN MSCH = 0 ;
17.      ELSE MSCH = 1 ;
18.   LABEL RETN7980 = 'RETENTION RATE 1979 TO 1980'
19.         RETN8081 = 'RETENTION RATE 1980 TO 1981'
20.         RETN8182 = 'RETENTION RATE 1981 TO 1982'
21.         RETN8283 = 'RETENTION RATE 1982 TO 1983'
22.         RETN8384 = 'RETENTION RATE 1983 TO 1984'
23.         RETN8485 = 'RETENTION RATE 1984 TO 1985'
24.         RETN8586 = 'RETENTION RATE 1985 TO 1986'
25.         RETN8687 = 'RETENTION RATE 1986 TO 1987'
26.         RETN8788 = 'RETENTION RATE 1987 TO 1988'
27.         RETN8889 = 'RETENTION RATE 1988 TO 1989'
28.         MSCH = 'SCHOLARSHIP FLAG';
29.   KEEP MSCH SPD
30.        RETN7980 RETN8081 RETN8182 RETN8283
31.        RETN8384 RETN8485 RETN8586 RETN8687
32.        RETN8788 RETN8889 ;
33.   PROC FREQ;
34.   TABLES SPD * (RETN7980 RETN8081 RETN8182 RETN8283
35.        RETN8384 RETN8485 RETN8586 RETN8687
36.        RETN8788 RETN8889) / NOPERCENT NOROW NOCOL;
37.   TITLE 'RETENTION RATES BY SEPARATION PROGRAM DESIGNATOR - COMMISSION';
```

```
1.    //EPXSMRET JOB (WTFF,748),FU
2.    /*ROUTE XEQ TAPE
3.    /*MESSAGE 012896
4.    //*     SASFREQ.ROTCCOMM.Y8285.MATCH.RET3 ON FILE45
5.    /*UNNUMBERED
6.    //PROCLIB DD DSN=ZABCRUN.PROCLIB,DISP=SHR
7.    //STEP1 EXEC SAS516
8.    //IN DD DSN=WTFFEPX.SMTCOMM,UNIT=TAPE,DISP=OLD,VOL=SER=012896
9.    //SYSIN DD *
10.   *
11.       THIS PROGRAM INVOKES THE MATCHED COMMISSIONED - OLRDB DATA
12.       SET AND DOES A RETENTION RATE ANALYSIS.
13.   ;
14.   DATA;
15.   SET IN.CORECOMM;
16.   IF MSAWARD = 0 THEN MSCH = 0 ;
17.      ELSE MSCH = 1 ;
18.   LABEL RETN7980 = 'RETENTION RATE 1979 TO 1980'
19.         RETN8081 = 'RETENTION RATE 1980 TO 1981'
20.         RETN8182 = 'RETENTION RATE 1981 TO 1982'
21.         RETN8283 = 'RETENTION RATE 1982 TO 1983'
22.         RETN8384 = 'RETENTION RATE 1983 TO 1984'
23.         RETN8485 = 'RETENTION RATE 1984 TO 1985'
24.         RETN8586 = 'RETENTION RATE 1985 TO 1986'
25.         RETN8687 = 'RETENTION RATE 1986 TO 1987'
26.         RETN8788 = 'RETENTION RATE 1987 TO 1988'
27.         RETN8889 = 'RETENTION RATE 1988 TO 1989'
28.         MSCH = 'SCHOLARSHIP FLAG';
29.   KEEP MSCH SPD
30.        RETN7980 RETN8081 RETN8182 RETN8283
31.        RETN8384 RETN8485 RETN8586 RETN8687
32.        RETN8788 RETN8889 ;
33.   PROC SORT; BY MSCH;
34.   PROC FREQ;
35.   TABLES SPD * (RETN7980 RETN8081 RETN8182 RETN8283
36.        RETN8384 RETN8485 RETN8586 RETN8687
37.        RETN8788 RETN8889) / NOPERCENT NOROW NOCOL;
38.   BY MSCH;
39.   TITLE 'RETENTION RATES BY SEPARATION PROGRAM DESIGNATOR - COMMISSION';
```